Boise State University

College of Engineering

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My Process to Become a "World-Class" Engineering Student

by

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Introduction

When starting college it seems disheartening and downright scary to think of all the classes I am going to take in my four years. It’s also hard to imagine how the world class engineers got to the positions they are in without learning the process they took in college and learning. If I can look at what made these engineers so great and use it to compare my own habits, I can become a world class engineer, not just in studying, but in learning and networking.

Setting Goals

Goals are reasonable ways many people can keep track of what needs to be done right now and then in the future. A world class engineer sets goals and prioritizes what needs to get done. This is not just long term goals but short term goals too.

On a personal level I would say that I am good with setting goals but there is room for improvement. While I can set long term goals and short term goals, sometime they can be overlooked by more important goals. If the goal is not part of my current schedule it will keep being pushed back until the deadline gets closer and closer.

To fix this issue the best way is to keep a planner. A planner is great for scheduling all my goals and events, but to best use the planner will be to check it and have reminders to when these goals and priorities are due.

Strong Commitment to goals.

Graduating with a bachelor degree in computer science is important to me because that is what I am interested in. From when I was little I have always been fascinated with computers and engineering. It wasn’t until my senior year that I really got into computers and loved it. I can make getting this degree even more important by getting more involved with computer science and college.

By getting involved in college with programs such as Engineering Living and Learning and internships it can motivate me about the degree and better help me get a job out of college. I want to get an internship in college, not just for the experience it will give me with Computer Science and on the job training, but it will also give me connections to the real world and might secure me a job upon graduation. Besides
getting an internship I will also stay involved on campus, from computer clubs to the living and learning, I have a lot of resources to keep my goals angled towards that degree. This isn’t just a goal to get a degree in computer science, this is a goal to learn computer science and secure my place outside of school.

We all in the ELLC want to be engineers for one reason or the other. Some of us want to make a difference in society, while others like to take apart gadgets and want an understanding of how things work. The reason I want to be an engineer is for 3 different reasons: career and academic opportunities, problem solving, and financial security. All three of these reasons are pretty basic reasons and each of them will provide great rewards and opportunities while earning a degree in engineering.

The first reason is career and academic opportunities. In today’s global market and economy, a growing field is engineering. Engineering has been growing and expanding into new fields, like biomedical engineering, in the past 30 years. The degree in Computer Science I want is also part of a field that is growing at a rapid pace and does not seem like it's slowing down. Even here in Boise, there is a demand for Computer Science majors. Not just from Micron and HP, but a lot of the smaller companies and startup companies are needing employees who are graduates in Computer Science to meet their company growth demands, and that demand is not going away anytime soon. With my goal to get a Computer Science degree, I hope to get a job right out of college working for either Micron or one of the smaller companies located in Boise. It is beyond wonderful that Boise State allows students to get internships with Computer Science businesses located right across the street from campus!

The second reason I’m pursuing a Computer Science degree is problem solving. The world will always have problems. Some of them cannot be solved by an engineer but the majority of them can. From attainable water to cyber security problems, we will always need individuals who can be solving today’s issues while keeping an eye on upcoming problems that need creative and innovative solutions. Engineering is a practical, problem solving career, either be building a sewer system as a civil engineer, or developing a rocket to transport satellites as an aerospace engineer. With Computer Science, it is fascinating to solve problems by using computers and computer
languages. Computers, as my Computer Science teacher has said, are “the stupidest things ever. It is a computer programmer’s job to tell it what to do.” This is exactly what a student and a graduate with a Computer Science degree would do. They would solve a problem by telling the computer what to do. Either by trying to solve a way to use less RAM in a database or solve a problem by writing an algorithm to have the computer analysis countless text documents. The part that I like about Computer Science is that everything in Computer Science is a logical problem and even though there can be more than one way to solve the problem, it can be solved. Even though it may be tricky and sometimes you forget how the code works, it is do able. One easy way to make solving problems on a computer easier is to break apart the problem into smaller problems, and then it’s not so hard to look at.

The last reason that getting an engineering degree and a computer science degree is great to have is for the financial security. Engineers get paid really well for starting salaries and that is the same with computer science. Even in the Boise valley, there are very great paying jobs for computer science majors, which is very nice if you love this area and don’t want to leave. Even though some computer science jobs are going overseas to other countries, there are critical parts of computer science that won't be replaced. One example is database management. Companies will never want their information stored in other countries far away from them. These database administrators get paid very well, more so than other computer science professionals. Overall, the financial security for engineering and computer science is nothing to worry about, and engineers get paid very well.

These three reasons are why engineering is an awesome field to get into. Not only are there a lot of career opportunities, but there is also problem solving and good salaries with huge payoffs. Engineering is a great field to get into and it shows. I am confident about these three reasons and that I will have these rewards and opportunities, as well as many others, when I graduate with my degree in Computer Science.
Inevitable adversity

When starting college it can be difficult to get adjusted or even set onto a path that is a successful one, after all it is college. If college was easy then a lot more people would be here. So what does a world class engineer due to face the adversity of now and tomorrow? I would say the biggest obstacles to overcome are barriers and habits, which can be difficult to overcome at times. What makes them so different is the following through with actions and the barriers we must all overcome. While following through with actions is one of the first challenges, the next is changing your lifestyle to better succeed. Quoted in “Studying Engineering” by Mr. Gray, “The secret of every person who has ever been successful - lies in the fact that they formed the habit of doing things that failures don’t like to do” (Gray, 173). These barriers are things that we do in our life that give us some fulfillment, mostly pleasure, that we do not want to live without. However to be successful in our own lives, it is important to understand that while these barriers might not look harmless, they definitely are holding back our full potential. We are all human after all, but some have better positioned themselves to know when it is time to put aside the distractions and get work done. This is what a world class engineer has mastered.

I would say that I still have some adversity, mainly with these barriers mentioned earlier. I would say some of the major barriers that I battle right now are procrastination, breaking the habit of studying alone, and applying for internships. Procrastination is a big one that still affects me and it’s especially bad right now during finals week when the biggest of the big projects are being done. The other is applying for internships. Just finding time and writing them is not hard but I get forgetful when I have other classes and class work that needs to be finished right now. Both of these are different and have their own ways to battle them, but in the end I will have to face them and when I overcome them I will gain the benefits that will aid me in becoming a world class engineer.

For me to become a world class engineer is the first step to overcoming these barriers is to admit they are there and acknowledge the fact that they are holding me back in one aspect of my life. Procrastination comes in all forms, from those that get distracted for a minute thus adding up after a while, to those that just stop working for
an hour. We are all human and the idea of an end goal and success is lost on us for a while when we all take a break. Now like all other bad habits, this one cannot be broken in a simple day. This one takes time and effort to at least make it less severe. One strategy to get rid of pesky procrastination is to first understand when you work best, when you are most focused. For me the time I am most focused is during the day, most of the time in the morning around 11. This is when I am most focused and ready to get work done. The time when I am least focused is around 10 at night. This is when it gets harder for me to concentrate on work, when the idea of slacking off or going to bed seems more tempting as the night goes on. Procrastination is a dirty habit and that's why it is important to recognize when to study and when to play. We are after all students and playing does sound intriguing, so find ways, like studying during the day, so you can enjoy your nights without any regrets over did we finish enough of that English assignment.

I see internships as a crucial part of my success for my future in computer science. Getting 'on the job' training will always help in understanding a practical way to coding. This allows me to apply the knowledge from classes I have taken and will be taking in the future. The hard part for me is the self-doubt I have. For me I have never had a job in my life before and personally right now I would love to have one but I would prefer an internship over working at Starbucks. This lack of training disheartens me and gives me self-doubt, not just this but I have taken very little in the ways of computer science. I may have training for intro to Java and have taken a level 300 course in SQL but it will do nothing when the company hires a better qualified student who is a senior or junior. It feels like an uphill battle and even though I have applied to about 5 companies last spring I did not get an internship. The last part of the puzzle is finding time to write and apply for these postings. It's challenging to decide when to sit down and do this activity when I could be doing other stuff like studying for tests or procrastination. To overcome this barrier I must first set a goal, or a time. If I can make an effort to apply to x amount of companies before this date, I at least am putting myself out there. The worst they can say is no.
Managing My Personal Life

A world class engineer will understand when it’s time to socialize, be with friends, and family. Then when the time comes they will switch over to the responsibilities they either have to their education or job. This is a fine line and they know when to switch from one to the other and include the time it takes to either sit down and study or drive to work. Other managing aspect they must deal with is personal finance. A world class engineer does not have to worry about money because while they are making reasonable money they are not making unreasonable purchases that will make them feel uncomfortable and view engineering as a job to do while waiting for the next paycheck or living paycheck to paycheck.

Right now some of these managing aspects don’t affect me yet. I may not have a paycheck or have to drive to my job, but I have other responsibilities that are personal, like to my friends and my family. Right now I feel that I spend a good amount of my time with family and friends. It is also very helpful that my family is very close by so visits are easy to do. The part I need to focus on is setting myself a budget for when I have to manage my own money when I have an income.

To become a world class engineer I will need to focus on setting myself up with a budget. This is not too hard to do either; the hardest part will be sticking to it and writing it down. With knowledge in Excel, a simple template can be made for when I need to manage my own money.

Attitude to coursework

A world class engineer is proficient in math, science, and engineering. While being knowledgeable in these fields, experts are also not ignorant to say they can learn more and will seek help when they need it.

Right now I am taking, or will be taking, classes that will help me in my pursuit to get my computer science degree. I may not have all the skills I need to do well in the work force but as I work on getting the degree I can work on the skills and mindset to better understand the new material and stop the bad habits, like procrastination. Once and awhile it will be smart to go over these courses and review if the track I am on is showing that I am putting in the effort and if I could improve and do more.
My Learning Style

I have found out about myself that I am more aligned in the center than I previously thought. When I started the test I originally thought that I was going to be on the far left for the visual learner and equally the same for the other charts. To my surprise I am much more in the center than I previously thought.

The first one is “The Way You Prefer to Process New Knowledge.” This one deals with people who either work with the information they’re given or have to think on the information first before they are able to understand it. I am pretty even; still I lean to the Active Learners side more. How I can improve upon this knowledge is I can study using both learning types. I don’t need to use just one learning style to learn information. If I need to switch off between the two at times, I can. This way I am changing my routine up and will make studying not so hard when I have to get with a group or study by myself.

The next part about learning is What Type of Learner are You? This one deals with how students learn new concepts. Sensing Learners work better when this concept is backed up by hard evidence and facts, while the Intuitive Learners work best when the concepts are theories, ideas, and abstractions. For me, I am more on the Sensing Learners side. This does not come to a surprise to me because I have always done better understanding a concept and making sense of facts or theories when it is applied to the real world. Changes I want to make for this learning style involves me relating the real world facts to the theories. If I can correlate both sides of learning then I can find common ground and it will be easier to understand when the professor uses theories to teach.

The next learning process is “Through what Sensory Channel do you Perceive External Information most effectively.” The categories for this is Visual Learners who learn best by seeing information and Verbal Learners who learn best by writing or the professor explaining the concept. This is only learning process that I am more visual than verbal and not so close to the middle. This is also no shock to me because I need to see the concept in front of me. I have not always been the best with people telling me descriptions; I need that information either written down in front of me or a picture of
the idea. Ways to help with this type of learning is to take notes on the professor's speech and use that to help with visual learning. Most professors record their lectures and I can go back and listen to parts that I had a hard time grasping my first time listening to their lecture. The nice thing about podcasts is I can rewind and stop the lecture at any time if I don't understand a concept.

The last category is The Way you Progress Toward Understanding. Unlike the others, this is the first one that I am leaning towards the right side, even though I am still in the middle. This group is about understanding and the two groups are Sequential learners who learn by linear steps, and Global Learners who learn in large jumps wanting to see the big picture. The hard thing about these two is I don't really identify with just one. Both have descriptions that I can identify with. I like to learn in linear steps but at the same time I prefer to see the big picture. Both are equally good and I can use both as ways to get better at understanding new material. Ways I can go about learning better is look at the big picture and then break it apart into smaller steps, or jump into new topics but organize it at the same time.

From this self-evaluation on how I learn best, I learned a lot of new things about my learning style. There is not a right or wrong thought on what is the best way to learn. Sometimes though, teachers and students are more comparable when both teaching and learning styles match. Regardless, it is possible to take steps to learn better and smarter when approaching new information. From this text and self-evaluation, I feel better prepared about learning in my classes.

Learning Style

Learning styles are plentiful and every single person is unique and how they learn best. A professional engineer will know not only what learning style works best for them but also how to work around it and work with others with different learning styles.

Right now I am ISFJ, what that means I am an Introverted Sensing with Feeling. Right down to it, I am socially inward, accepting responsibilities that are beyond what is required.
To improve my learning style, I can better adjust myself to understand the other learning styles. This way when I need to learn or teach someone else, I will better understand the divide that can happen when people are not careful.

**Changing Behaviors**

A professional engineer or any wise student in general, will know when to change behaviors to become the most successful student they can in the fields of math, science, and engineering. This does not only include the acknowledgement of behaviors in need of changing but also the following through of these behaviors so that the outcome is much more rewarding at the end of the semester.

For me, it is finally close to the end of the first semester of my first year of college. In the past it has been hard to judge my behaviors in college, due to past experiences being from high school and no input on how I would due in college. Now that the semester is at an end, I can better judge myself and make a plan to do better next semester. I have felt that I have had a good first semester; before the finals arrive I am sitting on high B's and some low A's. This is good and dandy but like I said before, there's always room for improvement in all my courses. Some changes that I will make are regarding my study habits, getting help in calculus when help is needed, and forming study groups in physics when it is needed so that my chances to better pass each and every quiz is guaranteed.

**Managing Time**

Better managing and self-evaluation of what is important can help me get my priorities into quadrant two. Right off, I don't have any activities listed in the third or fourth quadrant but that does not mean I don't have any. In this reflection I will be discussing how I will get the ones in quadrant one into quadrant 2. These are just some of the tips that will help me get the items and activities into quadrant 2.

The first activity is finishing ALEKS topics and doing them on time. This is always urgent for me as it gets closer to Sunday so it's important that I don't save it and finish it on the last day. To better help myself to make ALEKS less stressful and better help myself; I can do a set number of topics a day. I can better meet my topic goal and the
time goal will come naturally. Doing this activity earlier in the week is important if I want to get other stuff done on the weekend. Overall, it is an easy goal to set.

The next one that is due weekly is studying for Human Situation. This involves either reading the weekly reading or doing the weekly assignment. This one is urgent just like the ALEKS but this one needs to be done sooner and if I don’t do it on time, it can be stressful doing it last minute. To make it not urgent, but important, would be to do it ahead of time. I need to set aside some time weekly to do the reading and the assignment. If I can at least do it a couple of days before it is due, then I can revise it one more time before I submit it.

Working on the engineering progress report is also a crucial report that is becoming more important the closer the deadline gets. It’s not that the engineering progress report is hard and I am putting it off until last moment, it’s having a deadline very far into the future. I mostly do assignments that are due right away and need to be focused on. Having deadlines far away makes assignments less daunting and easy to ignore. To get better at doing this, I first need to plan out my other assignments. If I can plan out my other assignments then I can better manage my time. Once I have enough time to sit down I can work on my projects without worrying about other assignments.

The last thing to get into quadrant 2 is reading the Communications book. Unlike human situation, reading the communication book is a biweekly event that I must read so I can understand the next chapter that is going to be brought up in the next lecture. Reading Communications and taking notes for the quiz in classes must be done before the next class, so the best way to make this not be urgent will be to finish the notes as fast as I can. It takes about an hour to read each chapter while taking notes, so before even taking the notes, I need to find the time to do them in.

In the end, it comes down to better planning on my part. When planning is done right and followed through with, the meeting of deadlines should be easier. The activities already in quadrant 2 are all important and well balanced. If I can get the others in the first quadrant better organized, than I can be able to be a better organizer and become a better student of engineering.
Teamwork and Leadership

Ask any engineer about teamwork and they will tell you that teams are the norm. Not many engineers work by themselves, most work in a group. From brainstorming to dividing up the tasks, working in a group is not only becoming the norm, but it allows engineers to think and collaborate together.

Where I am currently is not a bad place to be in when it comes to teamwork, but there always is room for improvement if I want to call myself a world class engineer. Stuff that will need improvement is the fine tuning of current skills of both being a leader and better communication between me and some of the other members.

To get myself onto a proficient level I am going to improve my standing in groups. Its one thing to be a member of a project, but where the group really takes off is with a good leader. If no one steps forward then the group will seem lost and with no direction. If I can volunteer when it is needed, and other times compromise with the leader, I will be better at being in a group. Lastly is the communication with other members of the group. This is also important and allows the group to function and communicate at the same level with each other. I can say that while I have had experience in high school and now college, I can still learn a lot more about how to properly communicate with other members of a team.

Co-Curricular Activities

While an engineer of high standings probably enjoys his job and the experiences that come with it, he or she definitely, and most likely, has hobbies do to on the side. This can be anything from hunting to playing on a softball team. College is no different and college students have lots to choose from-sports, Greek life, and clubs. There’s no shortage on what a world class engineer would do and what I can do. A world class engineer would join clubs that not only help his major, but clubs that he or she can find enjoyment in.

For me right now, I am only in the Engineering Living and Learning Community at the moment. While the ERC is a community, it would be nice to join other exciting clubs and communities. In the future I hope to join some computer clubs to better understand computer programing. This would not only help get involved in the computer science
department but also make computer programming much more enjoyable to learn. Lastly I would like to join Space Broncos, the space club of Boise State. I have always had a fascination with space and space exploration so I would whole heartedly love to join this club. Joining clubs and starting hobbies is a great way to get to know other students and learn new things outside of class. With the next semester starting soon, I plan on taking advantage of clubs on campus.

Learning Styles

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Stress Management

We all have stress in our lives, it’s a part of what life’s about. People reacting to stress and how they cope with stress are completely different though. Expert engineers can cope with stress much better than I can; after all they have already gone through the tough grind of college and are working high level demanding jobs. This coping with stress is not just about finding ways to stop it when it gets to unbearable levels, but also finding ways of stopping it before it gets too out of control.

When I start to feel the effects of stress, dealing with a negative attitude, and eventually headaches, is not where I want to end up. While pain medication for migraines is a nice way to be able bodied and continues my life, it is not the best substitute for a healthy life. The best way to deal with stress is to not deal with it at the end but take ways to stop it before it gets too bad. The first thing that I can admit to is getting at least 7 hours of sleep. This is not for the dealing of stress but the anticipation
that I could get stressed. In anticipation, the best way to deal with it is to get a healthy number of hours in sleeping. Going to bed late can be a problem at times but allowing my schedule to have late morning classes, makes waking up feel refreshed. It’s okay to have one night where I can stay up late to finish homework, if I do not make this the norm every night, then it is okay. It may feel painful to wake up the next day but after a while I’ll be right back at it, getting a good amount of sleep, stopping stress or stopping the pain of stress before the day has begun.

The next way I deal with stress is to contact and talk with my family. My family is always there for me and sometimes it’s nice and refreshing that the problems that I am facing right now aren’t too big or troubling that I need to worry about. While it might be a little unhealthy to get reassurance from others to believe that I am doing okay or being successful. At the same time, this talking with either my mother or my father takes the weight off my shoulders and I can look for some advice when dealing with stress. Even when there is no stress, just talking with my family has a calming effect and feels nice to talk to people that care about you and you care about them.

Stress in general can get annoying and downright depressing if allowed to be an issue in life. Making small changes to life and school will better stop stress before it gets out of control. For me, stress can include bad headaches and the feeling of anxiety, but from good sleep habits, taking to my family, and talking with my professors I can better manage my stress and be willing to work harder.

Ethics

In the world of engineering it can get weird when the term “ethics” is brought up. After all this is not philosophy so why should we care? Well we should care and a world class engineer is going to know right from wrong when designing either a new invention or wondering if it’s right to cut corners when building a structure.

Right now I would say that while I may not have questionable ethics, that I could and would be open to an ethics class. After all for computer science I do have to take an ethics in computing sometime next year. Besides ethics in computing, I have already taken a philosophy on human situation and next semester I will be starting classics of western philosophy.
Ethics is an important topic to discuss with any engineer. While it’s not as contemplating as philosophy, it is still an important topic to think about when building the next big project.

Professors and Resources

Adjusting to college can be a difficult time for any recent high school graduate. From professors teaching differently, to students having to take a part in their own learning, college can seem hard at first. Following are some strategies to go over to help you overcome the college difficulties listed above. The first point is about professors and getting to know them. A great way to get to know a professor is by using “Six Ways to Make People like You” by Dale Carnegie. These six ways are listed as: Become interested in others, Smile, Remember their Name, Talk in Terms of the person’s interests, and Make them feel important. If you can do all six of these, you can get to know your professors and then they can help you if you need help.

The next thing that is different in college is that students have to look at the syllabus. The syllabus is an important document that will tell a student everything that will go on in a class and everything that will be due. Even though some professors might change a date here and there, the syllabus will stay the same throughout the entire semester. A great way to adjust to the syllabus in college is to first read it. Even though you might forget the due dates, if you read it, then you can remember to do things and are more likely to go back and read it again. If you want to take the next step you should add all the due dates from the syllabus into a day planner. Do this for all your classes and all your syllabuses and you will hardly forget an assignment again.

In college, going to class and attending lectures will not give you the full idea of the subject at hand. Before going to a lecture it is a good idea to review what the lecture is going to be about. Most of the time a professor will have this assigned. After the lecture, copy the ideas down a second time which will allow you to retain ideas from the lecture. Lastly, read chapters for units you are currently doing because not all the information is from the lecture and the chapter will have all of it.

While high school was more about homework, college is more about studying. Going into college is a huge adjustment but once you understand how to study it get
When studying, it is best to first understand how you study best. Once you understand what kind of study skills work best for you mentioned in the previous chapter, now it’s time to sit down and study for your test. When studying for a test, first find time to study. Once you have the time, get away from all distractions, which can include texting or friends. The biggest thing to understand about studying and time in college is that having no free time in college is a lie. Actually, college students have all the free time in the world. Deciding what to do with that time is highly important with succeeding in college.

Learning in college is more personal. In high school, your learning is more in the hands of the teachers as well as yourself. In college, learning has to be a conscious effort because while professors can help you if you get to know them, they won’t pass you if you don’t have any ambition to succeed. To adjust to college and personal learning, get used to opening books and reading material in advance to the lectures and the class. Learning will have to be done on your own time to get ready for the exams.

In college you will need to buy your own textbooks unlike high school where you are given textbooks by the school. In college, purchasing textbooks for the required classes must be done in advance before the class starts. To get ready for this, get the textbooks as fast as you can. It is advised to get the textbooks as soon as the professor posts the books online.

All these are ways to improve studying and other habits in college. If you can do all of these or at least some of these, then college will be much easier, if not, at least you will have a better experience.

**Internships**

In the job market, experience is just as important as graduating with a degree. This is why engineers know that to get hired right after school and get on the job training, it is important to get an internship in college. These not only get you experience but also things to put on your resume, and networking.

Right now I do not have an internship at the moment or have had an internship in the past. Where I want to be so I can be a world class engineer is to be hired so I can get experience programming computers. If I can get an internship over the summer, I
will have a great summer job to do that will keep me busy. It can also open doors far into my future, some include getting an internship my senior year during the school year, and maybe even a job right out of college.

Networking

While getting the grades and the credits is by far what money is paying for when going to college, networking is also very important to understand. A world class student engineer will socialize with his or her fellow students and faculty. Networking for them is the ability to have contacts available and people willing to vouch for them as they start to make their way into the job market and the real world.

I am just starting college, so it’s hard to say that I have fully networked myself to my peers and professors. Regardless, I will be networking as time goes on for the next four years of my education through the use of the ERC, clubs, classes, and events. I can better find out about my classmates and get to know them by doing this. This will help when I am in need of either a recommendation or a job offer, if I am lucky enough. I never know when the opportunity will arise but it can come from anywhere and knowing the connections can make the opportunity happen in my favor.

Communication

Communication is a big part of life, either verbal or nonverbal we all communicate. The expert engineer knows this very well and knows how to talk to many people. He or she will come across as professional & knowledgeable when they talk to people including not just their bosses, but fellow employees, clients, other engineers. Communication, in general, is important to have because while it is important to know how to calculate stress tests in bridges, it also is important to communicate this information in a manner that other people will understand.

I can say that communication is a subject that can always be improved for me. No doubt the Communication 101 class I am taking this semester is helping a lot in understanding how to communicate with an audience and understanding the audience in the first place. While I am confident in my speaking skills, I know that speaking in front of a large crowd can still feel scary to me and I know that I can always improve. To get to
the level of a world class engineer, I see myself giving a lot more speeches in college and every speech I give will get me more experience that will help until I can say that I am a world class engineer in communicating with my peers.

Conclusion

As the semester comes to a close on the first of many more semesters to come, I can say that I have a good start towards not only a degree in computer science, but a worthy self-image of calling myself a world class engineer. I have made many goals, like the desire to see myself in clubs ranging from computer science to space and even start planning to apply to lots of internships. Other topics to cover, as mentioned above, are to understand how to do better in not only the classes I have taken upon myself but the stress in my life. In the end, the title of “world class engineer” is not an easy route, but it can be obtained through planning, hard work, and discovery; and I believe that I am on a road to success that can be refined and mastered with semesters and summers to come.
Work Cited