

Cumulative Reflection

- 1) Completing the SE program has taught me a lot of lessons that will be extremely helpful for my future as an SE. I have learned to design complex systems and manage large project through multiple experiences, including managing my own project for an actual client (Senior design). I have experienced the solving of large problems, with actual consequences, while here at ISU, which has given me confidence that I can do the same thing once I graduate and am out in the field. I have gained experience in gauging engineering problems and solutions in a global and societal context for their ethical implications, from multiple classes on software engineering management. Most importantly, I have learned what is necessary to be an SE in the real world, what it takes to create innovative solutions for clients.
- 2) In regard to working in a professional environment, ISU has taught me much. I have had experience working with others, and managing others work alongside my own, countless times. The group work experienced here at ISU is so very crucial to being successful in a true professional environment, as if you excel at working with others, corporations will want you to work for them significantly more.
- 3) In class I would say I did rely a good amount on outside resources for information, as with SE, the internet is the best resource. Specifically, I utilized the online forums on multiple software related sites such as Stack Overflow, Geeks to Geeks, W3 Schools, as well as specific technology's documentation. Beyond documentation I relied on others for information about technologies they specialized in.
- 4) I would say that, regrettably, I did not utilize enough of ISU's programs during my time here. I did, though, take advantage of the very important career fair while I was here, meeting companies looking to hire individuals in my field. In fact, I met the company I currently work for at the career fair, Kingland Systems.
- 5) I have been so busy with work and school that I have not had time to program outside of work/school projects in a long time. I have been able to learn new, unrelated, skills while here at ISU though. I have learned to play the bass guitar, disc golf, soccer, and basketball while here, adding to my ability to work in groups as well as perfect physical skills. Playing sports, competing, is definitely similar to engineering, as you must have a drive to win, you must have a drive to create something that works.
- 6) I would say that if I had to redo my undergraduate degree I really wouldn't change much beyond spending more time participating in university programs, playing more intramurals, working with more clubs. In general my experience at ISU was a very positive one, and I would certainly recommend attending this university to anyone.