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IT 191 - Professional Practice
February 1, 2016

Qualifications

Acquiring the qualifications for the first three job postings is relatively simple, as all of them are entry level positions my classes and internship should be able to prepare me for these positions. The reason for that is because they are entry level, thus my classes should provide me with the required training to be qualified for those positions. In addition to my classes the required internship will also provide some training and experience to qualify for these positions. However, it is not realistic to believe that my classes and internship will provide me with all the skills necessary for these positions, thus it would be advantageous for me to explore avenues of IT that are not taught in an academic setting. Accomplishing that is as simple as doing research during the academic breaks and during my free time. This is how I would prepare myself for these entry level positions, by attending classes, participating in an internship, and continuing my education outside of the classroom setting.

Five to eight years after graduating will hopefully be an exciting time in my career. During this time my plans are to either be enrolled in a PHD program (specifically the University of Illinois) or have already graduated with a MS degree and started my work in the industry. Therefore, for the three jobs listed for the long term would obviously require me to likely have at least a BS in Computer Science, thought they are research positions primarily and would benefit from a MS in Computer Science. Though that is not all that I will do to prepare me for these types of future jobs. After graduating with my BS in Computer Science I plan on working at least part time in industry to be able to obtain real world experience. To that end I would try to obtain a position in a company that does private research, that way I will be exposed to Computer Science research methodologies. Also, I would branch out my experience from Windows to other operating systems and being able to develop applications for them. All of these things I would explore both on my own and hopefully in my career and higher education. In addition to these I would also look to gain experience in the business side of the industry. Therefore, I

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hope to be able to get more than just programming experience during my education and early career, to

achieve that I will look for opportunities to be able to interact with the customers. These, and

undoubtedly countless things I have missed, will hopefully prepare me for my career goals.

After Graduation:

http://www.indeed.com/cmp/CAMtek-Inc./jobs/Software-Application-992cd6700a7be793?q=Programmer

https://career4.successfactors.com/career?company=burwood&career_job_req_id=2242&career_ns=job_listing&jobPipeline=Indeed

http://www.careerbuilder.com/jobseeker/jobs/jobdetails.aspx?utm_source=indeed.com&utm_campaign=computer-software-engineers-applications&SiteID=sep_cb001_15_1031_00&Job_DID=J3L4XD6D5VZ81NF6F40&showNewJDP=yes&utm_medium=aggregator

Five to Eight years after Graduation:

http://www.ncsa.illinois.edu/about/jobs/A1600013?utm_source=Indeed&utm_medium=organic&utm_campaign=Indeed

https://jobs.illinois.edu/search-jobs/job-details?jobID=59007&job=research-system-administrator-information-trust-institute-a1600006

http://www.indeed.com/viewjob?jk=e185fd30c0cea35e&q=computer+science+research&l=Champaign,+IL&tk=1aaf2m5r6541u961&from=web