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CISC 3140

Lab 3

The company I've chose to make a research about is all know to us Google. It always seems like Google knows everything about us but we, on the other side, know nothing about it.

Therefore, I've research a relatively small area of this company and here is what I've found out.

Google's corporate mission is “ to organize the world's information and make it universally accessible and useful.” Ever since its beginnings, the company has focused on developing its proprietary algorithms to maximize effectiveness in organizing online information. So far, google is the smartest software created. So what does it take to work there? According To Forbes, “More Than 2 Million People Apply Each Year [To Google].....It's almost ten times harder to get a job at Google than it is to get into Harvard.” Google receives a lot of applications each year. They review around 10,000 applications a day. However, it is important to know that Google is also expanding rapidly. They are hiring 10,000 people every year. Therefore, the easiest route into Google would be to apply for an internship first, it has a 1% chance of acceptance. Once you get into an internship, you can demonstrate your skills and have a much more decent chance of getting a full-time offer. As a future software engineer I need to keep in mind that Google has about 30,000 to 60,000 software engineers. However, there are different positions opened, so if you are a lawyer, a security engineer or an electrical engineer, getting into Google would be much more competitive.

Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Google products need to handle information at massive scale, and extend well beyond web search. Here are the qualifications to get a job as a software engineer in Google:

- Minimum qualifications:

- BS degree in Computer Science, similar technical field of study or equivalent practical experience.
- Software development experience in one or more general purpose programming languages.
- Experience working with two or more from the following: web application development, Unix/Linux environments, mobile application development, distributed and parallel systems, machine learning, information retrieval, natural language processing, networking, developing large software systems, and/or security software development.
- Working proficiency and communication skills in verbal and written English.

- Preferred qualifications:

- Master's, PhD degree, further education or experience in engineering, computer science or other technical related field.
- Experience with one or more general purpose programming languages including but not limited to: Java, C/C++, C#, Objective C, Python, JavaScript, or Go.
- Experience developing accessible technologies.
- Interest and ability to learn other coding languages as needed.

Main responsibilities would be design, develop, test, deploy, maintain and improve software.

Also manage individual project priorities, deadlines and deliverables.

Google is and always will be an engineering company. They hire people with a broad set of technical skills who are ready to take on some of technology's greatest challenges and make an impact on millions, if not billions, of users. “At Google, engineers not only revolutionize search, they routinely work on massive scalability and storage solutions, large-scale applications and entirely new platforms for developers around the world. ”

For me Google is a dream company. Archiving my goal and getting a job in Google will fulfill my career life. But for now, I’m just a student who’s reaching to the stars, while putting all effort on becoming professional in my field.

Work Cited:

Google Jobs, Software Engineer; 2020

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Quora, “What does it take to be hired by Google?”; July 2017

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