Job Analysis

Amari Browne Johnson

Old Dominion University

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Dr. Phan

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Abstract

This essay is an analysis of a job posting for an entry-level Cyber Security Engineer at CGI, a multinational information technology consulting firm. The Fairfax, Virginia-based listing signals the heightened need for cybersecurity experts in both public and private industries. By carefully reading through the job description's qualifications, responsibilities, and company values, I assess how well this role aligns with my academic record, skill set, and professional goals. The essay emphasizes clear and inferred expectations of the ad and aligns them with my course work and experience. The position as a whole is an ideal entry point to a career in cybersecurity and aligns with my ability and interest.

CGI's Cyber Security Engineer entry role offers a great opportunity for a future career in cybersecurity. This Fairfax, Virginia-based job provides assistance to federal agencies and includes a hybrid work schedule. Being someone who is about to graduate from Old Dominion University with a cybersecurity degree, this job posting caught my attention. Not only does it demonstrate the fundamental technical proficiency that I've acquired in class, but it also demonstrates values such as cooperation, development, and creativity skills that I wish to be able to bring to any workplace.

The ad features a number of diverse responsibilities which quite naturally need technical knowledge along with hands-on application. Among these are managing vulnerabilities, setting up and updating cybersecurity software like VPNs, firewalls, and endpoint protection. Part of some other responsibilities is assisting ongoing cyber monitoring and keeping technical documentation current. It's clear from this that the work is more than procedure it requires initiative, troubleshooting, and operating between systems.

The qualifications listed highlight several important skills. CGI is looking for candidates with a bachelor's degree in a relevant field like Cyber Security Engineering or Information Security, along with experience in scripting languages such as Python or JSON. Familiarity with API calls and data analytics is also required. These qualifications directly connect with the technical foundation I've built during my time at Old Dominion. In particular, I've completed courses in Python programming, data analytics, and secure system configuration, which mirror many of the expectations CGI has outlined.

Beyond technical skills, the posting places a strong emphasis on personal qualities. CGI is looking for individuals with "a phenomenal attitude and hunger for learning," as well as strong communication abilities. These traits are just as important as technical expertise in a collaborative field like cybersecurity. Over the course of my academic experience, I've worked in lab teams and on class projects where effective communication and a willingness to adapt were essential. I've learned how to listen, contribute ideas, and stay open to feedback skills that will help me succeed in the type of team environment CGI describes.

Although the advertisement lists a great number of qualifications, there are also a few soft skills. For instance, tasks like "establishing and maintaining secure paths of communication" and "maintaining technical documentation" would require time management and attention to detail. Likewise, dealing with federal customers and classified documents would require a lack of discretion, responsibility, and ethical behavior. Although not overtly expressed, these values must be present in order to uphold the trust and integrity CGI demands of its engineers.

The values of CGI permeate the advertisement. The company describes itself as a "global company of owners," with an emphasis on team-focused, inclusive culture. Perks such as wellness programs, paid family leave, and training reflect that CGI values employee health and growth. Phrases like "your work creates value" and "you'll shape your career" suggest that the company encourages innovation and long-term professional growth. As a new graduate, this type of environment one that supports continued learning and career advancement and is exactly what I'm looking for.

The job also demands U.S. citizenship and the ability to positively pass a background check and receive a Public Trust clearance. This is a consideration of the sensitive nature of the job and guarantees that this function plays a role in mission critical, high level government activities. The fact that my efforts are able to be used to aid national security initiatives makes the job significant and fulfilling. Pay-wise, the pay grade of $74,600 to $130,500 is suitable for an entry-level role in cybersecurity. The company also provides benefits at the time of hiring, such as insurance, 401(k) matching, and vacation. All of these types of benefits indicate that the company cares about taking care of employees on a professional and personal level. The matter of being able to promote within the company is appealing too, particularly since CGI claims that career planning and personal development are part of the work experience.

What appeals to me most about this position is how closely it mirrors the experiences I've had in my cybersecurity coursework. At Old Dominion University, I've completed classes in network defense, ethical hacking, and systems security that introduced me to the tools CGI uses. I've also worked on projects that required documenting findings and presenting solutions skills that will be useful when maintaining technical records or collaborating with federal clients. The academic training I've received has not only helped me understand how systems work but has also taught me how to think critically, troubleshoot under pressure, and stay current with industry best practices.

Finally, this job at CGI is not just perfectly fitting my academic training, but also my professional aspirations. I possess the technical knowledge, communication skills, and motivation to undertake the duties described. Study in network security, scripting, systems design, and cyber defense has prepared me for success in this job. I most look forward to the

chance to become a member of a team of people developing solutions to real-world security

issues, where I can learn what I studied and continue to learn in an open, innovative business.

References

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