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L3 Technologies   October 19, 2019
Salt Lake City, UT

To Whom It May Concern,

I am writing to express my interest in the Software Engineering Internship at L3 Technologies. My experience in programming and teaching computer science along with my passion for solving problems and learning new technologies makes me an exceptional candidate for this position. Through my coursework and personal side projects, I have demonstrated aptitude in key skills sought by L3 Technologies including an understanding of data structures, algorithms, and computer architecture as well as the use of best practices in writing C, C++, and Python.

As a teaching assistant for introduction to computer science at Oregon State University, I read, debug, and critique code written by my students. I also effectively and carefully communicate technical and stylistic criticisms. Through this experience I have sharpened my debugging skills and fostered an appreciation for well-documented and well-styled code. I have helped teach new students the introductory curriculum in C++ for 3 quarters. However, as of the Fall 2019 quarter, the course is being taught in Python. During the transition in curriculum, I assisted in proofing, testing, and debugging the new course materials.

At BeaverHacks Winter 2018, an OSU student club hackathon event, a team consisting of two other students and I built a C++ console-based journaling application for mindfulness. We incorporated user accounts, encryption that makes log files unreadable to humans, and a feature that displays a random happy memory from the user's entries. We were competing against 14 other projects, most of which were created by students more experienced than us, so we were astounded to find that we won first place overall. Though I do not consider this project technically complex now, I am very proud of the accomplishment. It represents the first time I jumped into coding head-first and experienced the thrill of making something with a team. Afterwards, I joined the OSU Hackathon Club as an officer to help offer the same experience to other students. A link to the GitHub repository for my team's project and others can be found on my resume.

At the time of my acceptance into my current degree program, I had little coding experience. Despite holding a physically-demanding full-time job and filling a teaching assistant role, I have maintained a high level of performance in my education. I believe the principal reason for this is that I am extremely driven and passionate about learning new technologies. Necessarily, I also developed excellent time-management and task prioritization skills.

Thank you for considering me for the Software Engineering Intern role at L3 Technologies. I believe that I will make an effective addition to your team.

Sincerely,

Jordan Bartos