

Jordan Bartos

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Terumo BCT
Lakewood, CO

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To Whom It May Concern,

I am writing to express my interest in the Software Engineering Internship at Terumo BCT. My experience in programming and teaching computer science along with my passion for solving problems, learning new technologies, and my previous degree in Biology makes me an exceptional candidate for this position. Through my coursework and personal side projects, I have demonstrated aptitude in key skills sought by Terumo BCT including Linux, Bash scripting, computer architecture, algorithms, and data structures 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 communicate technical and stylistic criticisms effectively. 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 curriculum is taught in Python. During the transition from C++ to Python, 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 my other projects 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 while taking classes, 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 Terumo BCT. I believe that I will make an effective addition to your team.

Sincerely,

Jordan Bartos