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Dear Symbotic Hiring Team,

I am excited to apply for the Back End Software Engineer Intern position at Symbotic this summer. I am currently a Junior studying Computer Engineering at Syracuse University. I am a very motivated, result-driven, and curious student and I have been successful in my coursework and projects and ready to apply the skills I've been honing to an industry engineering team. I have been able to learn valuable programming and engineering skills within my courses such as Web Systems, Embedded Systems, Network Security, and Data Structures and I was able to receive a 3.93 GPA with a 3.98 GPA within my core Engineering classes. Additionally, I have a strong passion for AI-powered robotics, which I was able to explore within my Intro to AI class where I was able to learn the foundation and basics within Artificial Intelligence. I was able to learn real-world applications and was exposed to useful coding libraries such as PyTorch. This passion for AI solutions aligns strongly with Symbotic and I am excited to learn about their applications within automation and distributed systems. My courses and projects have exposed me to technical skills such as C++, Python, Linux, Docker, SQL, and multi-threaded programming.

I have very strong object-oriented programming experience starting with JAVA which I was able to expand into C++ and Python. I have familiarized myself with Linux and command-line tools within my Networking classes. My projects have taught me about source control using Github and CI/CD pipelines. Lastly, I have been able to utilize SQL databases and containerized development. My personal projects have shown and highlighted my technical and teamwork skills. For instance, I collaborated with a team to create a functional Java Web Server where we designed a multi-threaded HTTPS server in Java. I was able to integrate logging mechanisms for efficient monitoring and PHP for an intuitive front-end. Additionally, I also collaborated with a team of 5 for my Wegmans Grocery Pathfinder project. We were able to create a real-time pathfinding tool using Python and SQLite. This program was made more efficient with the use of multithreading and a GUI to enhance performance. This project was targeted at helping people with disabilities navigate through grocery stores. We were able to win first overall and best accessible project.

I am a strong fit for the Back End Software Engineer Intern position because of my strong background in engineering and team building experience. I would be an effective addition to the Symbotic team and I am curious to learn about the difference Symbotic is trying to make within warehouse automation. I am eager for the opportunity to bring my technical and teamwork mindset to Symbotic's engineering team.

I would welcome the opportunity to discuss how my skills align with your needs. Thank you for your time and consideration. I look forward to hearing from you!

Best Regards,

Nathan Czarnecki

https://drive.google.com/file/d/15mxhvepX_3X0voWou3Y4Ux5Hh91f9NrD/view?usp=drive_link