Nov. 25, 2023

SpaceX  
1 Rocket Road  
Hawthorne, CA 90250

Dear Hiring Manager,

I am writing to express my strong interest in the Summer 2024 Engineering Internship position at SpaceX, as advertised. Currently a sophomore majoring in Computer Science at the University of Washington, I am eager to bring my diverse skill set and passion for cutting-edge technology to the innovative and dynamic environment at SpaceX.

With proficiency in multiple programming languages, including Java, C/C++, Python, JS/TS, SQL, OCaml, and Racket, coupled with a solid understanding of various frameworks, I have developed a robust foundation in software development. My ability to communicate effectively and concisely has proven invaluable in enhancing collaborative efforts, as evidenced by my experiences both in and outside the classroom.

Beyond the confines of coursework, my enthusiasm for software engineering, programming languages, databases, and computational theory drives me to actively engage in self-study. I have undertaken practical projects, such as the development of a campus map web app, showcasing my skills in full-stack development. This application, featuring a user-friendly GUI on the frontend, a robust server, and backend database analysis, underwent meticulous testing using the JUnit framework.

My hands-on experience extends to serving as a Teaching Assistant for a programming languages course, where I played a pivotal role in designing assignments, setting up autograders, crafting test cases, and coordinating the grading process. Additionally, my time as a Research Assistant at the University of Washington's Programming Languages and Software Engineering lab exposed me to large-scale query processing, parsing, and data cleaning using SQL databases—a testament to my commitment to data management and analysis.

Engaging with the broader tech community, I volunteered at the SIGMOD conference in 2023 and actively participated in the TAPIA conference, underlining my dedication to contributing to the field and celebrating diversity in computing.

In light of SpaceX's groundbreaking work and commitment to pushing the boundaries of space exploration, I am eager to bring my technical skills, collaborative mindset, and passion for innovation to your esteemed team. I am confident that my diverse experiences and dedication to continuous learning make me a valuable candidate for this internship opportunity.

Thank you for considering my application. I look forward to the possibility of contributing to SpaceX's mission and learning from the incredible team of professionals.

Sincerely,

Stanley Yang

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