Nov. 25, 2023

Apple Inc.

1 Apple Park Way

Cupertino, CA 95014

Dear Hiring Manager,

I am writing to express my strong interest in the Jane Street Tools & Compilers Researcher Internship, as advertised on your company's careers page. As a sophomore majoring in Computer Science at the University of Washington, I am enthusiastic about contributing my skills and passion for technology to a dynamic and innovative company like Jane Street.

My academic journey has equipped me with a solid foundation in various programming languages, including Java, C/C++, Python, JS/TS, SQL, OCaml, and Racket. Coupled with a diverse skill set that spans frameworks and effective communication abilities, I am confident in my ability to make meaningful contributions to your software engineering team.

Beyond coursework, my interests in software engineering, programming languages, databases, and computational theory drive my active pursuit of self-study through extensive reading, online tutorials, and participation in related reading groups. One notable project in my portfolio is the development of a campus map web app, where I successfully implemented a user-friendly GUI on the frontend, established a robust server, and conducted backend database analysis—a valuable experience that showcased my proficiency in full-stack development, including thorough testing with the JUnit framework.

My practical experience extends to roles as a Teaching Assistant and Research Assistant, where I supported a programming languages course in designing assignments, setting up autograders, crafting comprehensive test cases, and coordinating grading. Additionally, as a research assistant at the University of Washington's Programming Languages and Software Engineering lab, I engaged in large-scale query processing, parsing, and data cleaning using SQL databases—a testament to my commitment to data management and analysis.

My dedication to community involvement is evident through my volunteer work at the SIGMOD and TAPIA conferences in 2023, where I actively contributed to the tech community and celebrated diversity in computing. I am deeply committed to fostering equal opportunities and creating an inclusive environment within the computer science community.

I am excited about the possibility of contributing my skills and enthusiasm to Jane Street and learning from the industry leaders. Thank you for considering my application. I am looking forward to the opportunity to discuss how my background aligns with the goals of Jane Street’s software engineering team.

Sincerely,

Stanley Yang

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