Edmund Xin
[Address]
[Email]
[Phone Number]
November 24 2024

[Hiring Manager's Name]
Apple Inc.
1 Apple Park Way
Cupertino, CA 95014

Dear [Hiring Manager's Name]

I'm writing to express interest in the Software Engineer position for CoreOS Kernel at Apple. With a solid foundation in operating systems fundamentals, extensive experience in operating system design, and proficiency in C and C++, I am confident in my ability to contribute effectively to the Darwin team's objectives.

My diverse experiences at Tesla, TikTok, and other teams at Apple have built up my skills which has prepared me to take on any challenge. At Tesla, my improvements to their pricing analytics have saved the company thousands of dollars per purchase for the supply managers. During my time at TikTok, I worked on high performance projects in C++ for the recommendation engine. And during my time at Apple, I've had the opportunity to experience Apple's culture first hand.

In addition to my professional experiences, I also hold a Bachelor's of Science in Computer Science from the Georgia Institute of Technology. This program has not only taught me fundamentals of programming and computer science but has also laid the foundations of a learning and growth mindset, enabling me to approach problem-solving with a holistic and analytical mindset.

The focus of the Darwin team on kernel technology areas align closely with my academic background and industry experiences. Having successfully completed a comprehensive course in operating system design, I have gained a deep understanding of key kernel technologies such as virtual memory, paging, and process management. My hands-on experience with xv6 has allowed me to apply theoretical knowledge to practical implementations, enhancing my skills in troubleshooting and debugging within the kernel environment.

Throughout my academic journey and projects, I've honed my proficiency in C and C++, making me capable of handling the challenges of kernel level programming and design. These skills, along with my knowledge of computer architecture, make me a strong candidate for the CoreOS Kernel Software Engineer position.

Thank you for considering my application. I look forward to hearing from you.

Sincerely,
Edmund Xin