Leon Yao

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Forum Asset Management   April 19, 2024
Software Developer

Dear Hiring Manager,

I was delighted to come across the Software Developer posting at Forum Asset Management. I believe that my knowledge and skills make me an ideal candidate for your esteemed company.

In the Summer of 2022, I started an 8 month internship at Ecopia, as part of studies at the University of Waterloo. One project I worked on was to blend satellite images together, as Ecopia uses satellite data to create 3D models of cities. The program I developed in C++ utilized various image blending algorithms to seamlessly merge images at efficient speeds. This experience, along with others during my internship, significantly enhanced my debugging and problem-solving skills. Working in a small, growing company like Ecopia demanded independent learning and problem resolution, as my colleagues were often engaged in their own projects.

From March 2023 to November 2023, I served as a Full Stack Software Developer at Encircle. In this role, I contributed to various aspects of the company's products, spanning web and mobile app development, as well as backend tasks. I honed skills in Agile Development, optimized SQL requests in Python, and engaged in mobile app development using Java/Kotlin. Dealing with production issues taught me valuable lessons in problem mitigation for clients, ensuring minimal service interruption.

I hold an undergraduate degree in Mathematics and Computer Science from the University of Toronto. My coursework, particularly in Operating Systems and System Tools, has equipped me with strong programming skills. Projects, such as designing and implementing a file system, have deepened my understanding of UNIX and system/processor performance. This experience provided insight into the complexity of everyday software, including cloud and networking services.

I am eager to discuss in more detail how my skills align with the requirements of the Software Developer position. Thank you for considering my application.

Sincerely,
Leon Yao