

Dear Hiring Manager,

I am writing to express my interest in the Software Engineer position at your company. Currently pursuing a Master's in Computer Science at New York University, I am eager to contribute my expertise in software development, particularly in full-stack and frontend technologies. Despite an expected graduation in May 2025, my school dedicates my last semester to full-time practical experience, meaning that I can start working beginning Jan 2025. Along my journey, there are two aspects I found interesting to share.

During my internship at eBay Inc., recognizing the inefficiencies in manual cluster status monitoring, I initiated and implemented the Average-Time-to-Business Dashboard. This allowed for automated, real-time updates of all cluster statuses, reducing crisis response times by 25% (estimation). I am especially proud of this achievement, as it was the first project in my department to be both proposed and executed entirely by an intern.

Besides internships, I was also the lead full-stack engineer at Kaizntree. At Kaizntree, I directed the development of a platform addressing the inefficiencies faced by solo business owners who traditionally managed stock synchronization and order tracking through Excel. Motivated by the need for a more streamlined process, our team created a solution using Vue and Django that significantly reduced administrative time from 15 hours to just 2 hours weekly.

The most valuable lesson from my time at Kaizntree was the transition from classroom theory to managing a production app. This shift exposed me to practical challenges such as UI design, performance optimization, and team collaboration—areas rarely covered in classroom projects. For instance, to streamline our development teamwork, I adopted Scrum methodologies and built a CI/CD pipeline. This role not only refined my technical abilities but also enhanced my skills in overseeing production-level applications.

These experiences demonstrate my ability to meet the challenges and contribute effectively within your organization. My enthusiasm for developing projects that resonate with users is what motivates me to excel. I am eager to bring my skills and passion to your team.

Warm regards,

Xiaochen (Nigel) Lu