

XIAOCHEN LU

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Dear Selection Committee at C2SMART Center,

I first learnt about C2SMART during my study away year (2021-2022) in New York. Working closely with USDOT and the City of New York, C2SMART is the ideal place for me to contribute to the city I love while honing my web development techniques. Hence, I was thrilled to learn that C2SMART Center is calling applications for the developer intern. With the solid web development skills and teamwork abilities my past experiences have entitled me to, I believe I will make an ideal candidate for the position.

- **Solid background in frontend development.** Through my role at establishing Kaizntree and internship at eBay, I familiarized myself with frontend frameworks like React, Redux, and JS-plugin. At Kaizntree, I build the frontend for our business management platform from scratch. While at eBay, I played a key part in several projects and the Average-Time-to-Business dashboard I proposed and implemented has been helping our team reduce the incident response time and achieve smoother rollouts.
- **Knowledge in backend concepts and frameworks.** As a recent Data Science graduate from NYU Shanghai, I have taken courses like Applied Internet Technologies, Databases, and Data Structure, where I was exposed to many backend concepts and acquired the basics for full-stack development. Plus, at the early stage of Kaizntree, the startup I established, I worked also with Django to build RESTful APIs. Via this, I gained a deeper understanding of backend programming and how MVC and MVVM patterns work.
- **Teamwork and enterprise-level development flow.** The leadership role at Kaizntree taught me how to manage a productive team that delivers while the internship at eBay exposed me to the enterprise-level development flows, where I learned more advanced Git techniques and code standards (e.g., PRs and code review). Most importantly, both experiences educated me on how to communicate effectively and the importance of planning and coordination in teamwork.

The developer intern at C2SMART Center strongly resonates with my passion for building great software. I cannot wait to learn from the talented engineers at C2SMART Center, to use my skills, and to be part of meaningful projects and make a positive impact.

I sincerely appreciate for your consideration and time spent reading to the end of my cover letter. Wish you a lovely day!

Best,

Xiaochen (Nigel)