

Cover Letter

Dear hiring manager,

I have graduated with a Bachelors of Arts in Computer Science at Boston University and am currently pursuing a Masters of Science in Computer Science at Northeastern University. I have extensive experience in designing web and mobile applications in previous academic and internship work positions. I am a good fit for this company because I demonstrate strong leadership skills and growth mindset in various disciplines, such as the mobile application tech lead of Boston University Global App Initiative mobile application club, as that role helped me gain skills to deal with both client and technical requirements. The skills that I possess for client communication, web design, and software would be a great fit for your company's needs and would also fulfill stakeholder requirements as well. I am a dedicated learner, as evidenced by self study of Amazon Web Services with ElastiCache, S3, and DynamoDB.

In Summer 2017, I obtained undergraduate research experience through STEM Pathways and Boston University's CIDAR Lab program. I developed a robot automation tool primarily in Python, which provided flexibility for researchers and improved efficiency for synthetic biology research. I published a poster and abstract which documents this tool in Github, and presented the project in the BU Research Symposium October 2018. For Summer 2018, I interned for a startup for two months with a web design position. I was mostly in charge of building a website using HTML, JavaScript, CSS Bootstrap technology and using the agile software development process. For Summer 2019, I interned for Custom Floors Design Inc. I developed a website using media responsive design and user experience and client and server architecture microservice to market the showroom products with a full MEAN stack. For my web development course project at Northeastern, I implemented a movie recommendation engine that is in React Native JavaScript with a Java Persistence API server. For my Foundations of Software Engineering course, I designed a user-interface based plagiarism detector in TypeScript back end and React front end according to user requirements from professor and student feedback, with test driven development and unit and integration testing via chai, mocha, and express React libraries.

I am very interested in the position you posted, and looking forward to getting this opportunity to work for your company. For any questions, please reach me at lu.jaso@northeastern.edu or contact me at 617-735-7972. Thanks for your consideration.

Sincerely,

- *Jason Lu*