Brandon Lee

Brandonyli@berkeley.edu
(626) 347-0499
linkedin.com/in/brandon-lee-174243158
brandonyli.github.io

To whom it may concern,

Thank you for considering me for your position. I am currently a Senior Majoring in Data Science with a Minor in Computer Science and an emphasis in Economics, at the University of California, Berkeley (GPA: 3.59) with an expected graduation date of May 2021.

I have experience working on course projects (neural nets-based classifiers, database design, RISC-V CPU design, 2d tile-based video game, interactive map of local city, spam email detection model, etc.). I have written code in Python, Java, C, SQL, Assembly, HTML, and CSS.

Last summer I worked as a Data Science intern for Freshlime, a customer connection platform and chatbot developer. As an intern I worked with their Development and Accounting departments to build table deduplication methods using levenshtein distance and NLP techniques on datasets over millions of rows. I also built cohort retention analysis software for their product interface, developed analysis programs and presented findings on chatbot latency, and built a financial accounting software for the VP of Business Development.

I recently finished working as an Undergraduate Student Instructor at UC Berkeley for an upper-division data science major course, Principles & Techniques of Data Science. I worked under two professors and with other student instructors to facilitate the course to over 1100 students, where I held remote discussion sections, labs, office hours, proctor & grade exams, and created course material (developed material on regression, modeling, and loss).

I am also a student researcher at Berkeley under Professor Carlo Sequin in the EECS department, working to develop a new computer-aided design tool called NOME (Non-Orientable Manifold Editors). NOME generates smooth but precise free-form geometries, including sculptural shapes with complex topologies like soap-film surfaces, interlinked bands, etc. with the goal of optimizing surfaces to approximate true minimal surfaces.

I would greatly appreciate the opportunity to interview or otherwise further pursue this opportunity. Feel free to contact me at any time! Thank you for your time and consideration.

Best Regards,
Brandon Lee