

Vincent Le

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Education

University of California, Berkeley

Expected May 2024

B.A. Data Science and Economics | Computer Science Minor

Cumulative GPA: 3.68

Relevant Coursework: Data Structures, Structure and Interpretation of Computer Programs, Discrete Mathematics and Probability Theory, Principles and Techniques of Data Science, Artificial Intelligence, Machine Structures, Microeconomics, Linear Algebra, Multivariable Calculus

Work Experience

Data Science Discovery x Haas School of Business

Berkeley, CA

Data Science Research Assistant

January 2023 - Present

- Assisting in the development of a web scraper utilizing Python to extract from state medical board PDFs and sites to construct a comprehensive dataframe of disciplinary actions taken against 1000+ physicians across 50 states
- Training a natural language processing model to classify characteristics of physicians accused of malpractice

UNest

Philadelphia, PA

Data Engineer Intern

October 2022 – January 2023

- Led the construction and training of a predictive lifetime value model of users for the Growth team based on previous user activity to project potential revenue and improve return on ad spend by 50%
- Utilized AWS Glue and RedShift to integrate and store data from backend databases for ingestion by LTV algorithm

Flossy

Los Angeles, CA

Full Stack Software Engineer Intern

May 2022 – October 2022

- Led multiple updates and hot fixes to improve backend JavaScript logic and diversified existing unit test applications
- Implemented methods to aid in the manipulation of backend data structures to update booking availabilities for all users
- Built REST API structure with OpenAPI/SwaggerHub to facilitate easier organization and access of 100+ dentists' office data

Web Development @ Berkeley

Berkeley, CA

Frontend Developer

Aug 2020 – May 2022

- Created 3 modern websites with React resources, including Bootstrap, to enhance website functionality and grow online presence
- Followed an iterative design process with multiple Figma prototypes to make informed design choices with UI/UX team

Insite Lab, University of California, Irvine

Irvine, CA

Research Intern

May 2019 – Feb 2020

- Utilized Python and open-source repositories to develop verbosity and haptic feedback features for voice assistant technology
- Studied research papers to construct in-depth tutorial for creating accessible documents for informatics class of over 200 students

Projects

Combat Robotics @ Berkeley | *Mechanical Engineering & Marketing*

Feb 2021 – Present

- Aided in construction and repair of undefeated, nationally televised robot on Discovery's Battlebots
- CAD designed and implemented shock mounting system to reduce load on interior structure from weapon impacts in Fusion360
- Communicated between teams to ensure compatibility of parts and secured sponsors for necessary funding of the robot

Ansari | *React JSX & AWS Developer*

Mar 2021

- Implemented and designed a feature on the website where users can send referral/affiliate links via email through the web app
- Built a visual list component where students can filter tutors by academic subjects

Gitlet | *Java Developer*

Mar 2021

- Created a local version control system that supports git operations modeled after popular features of git (commit, merge, etc.)
- Utilized data structures to store versions of files from the computer's local directory via the command line

Skills

Technical: Python, Java, React.js, Node.js, React Native, AWS, SQL, HTML, JavaScript, RISC-V, RCode, NumPy, Pandas, C

Product: Design, Figma, User & Market Research, Strategic Thinking, Analytical/Data Understanding