Jaewon Dong

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EDUCATION

University of California, Berkeley — **Expected Graduation May 2025**
B.A. Computer Science, B.A. Data Science, Domain Emphasis in Economics — **ACT: 33/36   GPA: 3.78**
Relevant Coursework: Structure and Interpretation of Programs, Linear Algebra, Data Structures, Discrete Mathematics and Probability, Data Science, Microeconomics

WORK EXPERIENCE

DBYs — Fullerton, CA
Tutor — *July 2022 – Present*
- Help students become familiar with coding through presentations, examples, and activities
- Review students' source codes and advise them on how to improve readability and runtime efficiency

Alliph International, Inc. — Tianjin, China and Los Angeles, CA
Business Management Intern — *May 2022 – Aug 2022*
- Helped the company start E-commerce retail in the United States by setting up Amazon sellers and SEO on Google
- Built a business model that fits America's current trend in marketing and consumer preference
- Increased monthly user visits by 30% by modifying its old version into more visually pleasing user interface using HTML and CSS
- Monitored sales, customer reviews, and website activities and reported them to the manager

Stroll — Berkeley, CA
UX Researcher Intern — *Sep 2021 – Mar 2022*
- Tested user interface functionality and performed field research to improve safety-centered navigation app
- Collected and analyzed feedback from users to improve user experience

LEADERSHIP AND ACTIVITIES

Computer Science Mentors — Berkeley, CA
Mentor — *Aug 2022 – Present*
- Mentor for Structure and Interpretation of Programs
- Lead weekly review and work sessions for a group of 4-6 students, and help debug their codes during office hours
- Present mini-lectures and practice problems on topics including data structures, object-oriented programming, and data abstraction

Benetones — Fullerton, CA
President — *Apr 2017 – May 2021*
- Led a group of 10-15 students with talents in different instruments and performed music at Sunrise Senior Living Center.
- Initiated filming music performance videos and sending encouraging letters to service workers and residents every month during pandemic

Hands of SoCal — Orange County, CA
Vice President — *Jun 2020 – Aug 2021*
- Promoted online fundraisers for mask donations and medical supplies for local hospitals and communities
- Sent out 135,000+ masks to countries with high covid rates, and created and shared posters with the local community to increase awareness

PROJECTS

Fit Check — Berkeley, CA
Personal — *Aug 2022*
- Designed and developed a full-stack website called Fit-Check where people can see their best combination of outfits in their closet based on color theory
- Created React components to manage view layer and state changes, and utilized HTML/CSS for animations and visual effects
- Used Node.js, Express.js, and MongoDB to generate backend functionalities such as user authentication, data storage, and server control
- Built Closet API that connects user interface and its server by retrieving and interpreting data and handling user's HTTP requests

Gitlet — Berkeley, CA
CS61B — *Apr 2022*
- Designed and developed a version-control system that mimics the primary features of Git, a software for managing and tracking modifications in any set of files, primarily used for collaborative software development among programmers
- Generated many functionalities including saving the contents of entire directories of files, restoring a version of modified files in commits, displaying the "log" (the history of a user's backups, and merging changes in one branch to another

Stock Market Fluctuations & Suicide Rates Analysis — Berkeley, CA
Data Science Society — *Aug 2021 – Dec 2021*
- Used various Kaggle datasets and performed Exploratory Data Analysis (EDA) to evaluate the stock market trends in the past decades
- Conducted deep analysis on their relationship with suicide rates through feature engineering in Python using NumPy and Pandas
- Developed trend graphs of mean closing prices of stock markets and suicide rates, and presented the project at the Symposium

SKILLS AND INTERESTS

Languages: Fluent in English, Korean, Chinese
Skills: Python, Java, JavaScript (Node, React, Express), MongoDB, Git, HTML/CSS

Interests: Soccer, Coffee Brewing, Chess, Poker, Swimming, Cooking Steaks, Piano, Karaoke, League of Legends