

Caitlyn Lee

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TECHNICAL SKILLS

Languages: Python, C/C++, Java, Javascript, HTML, CSS

Developer Tools: Git, Github, Figma

Frameworks and Libraries: Pandas, Numpy, Matplotlib, Scikit-learn, React

EDUCATION

University of California, San Diego

Sep. 2023 - June 2027

Bachelor of Science, Computer Science, Minor in Business Analytics

- **Coursework:** Object-Oriented Design, Advanced Data Structures, Design of Algorithms, Computer Organization, Operating Systems, Probability & Statistics
- **Activities:** Women in Computing (WIC), Society of Women Engineers (SWE), KSDT Sports

EXPERIENCE

Undergraduate Research Assistant – UCSD

June 2025 - Present

- Conduct genomic data curation and structural variant analysis to study the population structure of avocados in Professor Solares' lab
- Label and annotate nodes on avocado trees to highlight evolutionary relationships and adaptive trait patterns
- Develop automated methods for crop trait detection and measurement from imaging data and apply machine learning techniques for classification purposes

Sports Marketing Intern & Web Developer – KSDT Sports @ UCSD

Jan. 2025 - Present

- Created eye-catching graphics and formulated content for the KSDT Sports Instagram account garnering 500K views monthly (Canva, Procreate)
- Coordinated logistics and marketing for a university-wide basketball game, mobilizing 300+ students to an away game and boosting brand engagement
- Spearheading the development of a main website for KSDT Sports (HTML, CSS, Javascript, Figma)

Summer Immersion Program Participant – Girls Who Code – Remote

June 2022

- Developed a personal web portfolio using HTML, CSS, and Javascript as part of the Girls Who Code Summer Immersion Program

Boutique Associate – Aritzia – Los Angeles, CA

July 2024 - Sept. 2024

- Delivered tailored customer service in a fast-paced retail setting, enhancing client satisfaction and sales
- Collaborated with team members to maintain inventory, store visuals, and daily operational flow, assisting hundreds of customers

Store Associate – Siroodang – Los Angeles, CA

Aug. 2021 - Aug. 2022

- Handled customer inquiries in Korean, oversaw daily transactions, ensuring accuracy and efficiency in sales processes, managed and replenished in-store inventory

PROJECTS

Bikeshare Data Analysis Project – COGS 108 @ UCSD

Sept. 2024 - Dec. 2024

Project Link: <https://github.com/esokite3/COGS108Project>

- Analyzed correlation between bike share usage and daylight patterns using Python (Pandas, NumPy, scikit-learn)
- Collaborated via GitHub repositories on visualizations and machine learning models to present findings