

Ashley Pun

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Summary:

Detail-oriented and highly motivated student at UC Berkeley double majoring in Data Science and Psychology seeking a career in data engineering or software development. Through my coursework and numerous personal projects, I've developed a strong passion for building unique software applications and working with databases. More information is available at <https://ashleypun.com/>.

Education:

UC Berkeley, Berkeley, California — *B.A. in Psychology & Data Science* ~expected May 2025

Relevant coursework: Principles & Techniques of Data Science, Data Structures, Foundations of Data Science, Computational Structures in Data Science, Data & Decisions, Econometrics, Human Contexts & Ethics of Data

Work Experiences:

Technovation

Berkeley, California

Data Science Intern

January 2024-PRESENT

- Analyzed the factors of mentor's impact on young mentees in creating a successful project.
- Drew correlations to predict the likelihood of mentors continuing to mentor and those who just do it once.

Projects:

Spam and Ham Email Classifier – Python

- Made an email classifier to sort emails to spam or not with 87% accuracy.
- Python libraries used: NumPy, Pandas, Scikit-learn, Matplotlib and Seaborn
- Loaded and cleaned data, then split them into train and validation sets and performed feature engineering.

Build Your Own World – Java

- Made a 2D tile-based world exploration engine with a randomized world algorithms with saving and loading.
- Used STD draw to implement user-friendly screens and created better user-interactive features.

E-commerce Store - Python, HTML, CSS, JavaScript

- A personal project I'm working on inspired by my first store from a few years ago. I made the shop in Shopify and sold TikTok famous Galaxy Projectors.
- The site has been proven to provide great user experience through data-driven marketing analytics.
- I don't have the site anymore so I'm trying to recreate the experience through full-stack development.

Skills:

Programming Languages: Python, SQL, HTML/CSS, Java, JavaScript, R

Data Visualization: Matplotlib, Seaborn, A/B Testing, Pivot Table, ANOVA Table

Tools: Visual Studio code, Jupyter Notebook, Git, IntelliJ IDEA

Languages: English, Cantonese (Business Proficient), and Mandarin (Intermediate)