Chliona Pham

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EDUCATION

California State University, East Bay, Hayward, CA   *Anticipated Jun 2025*

- BS, Computer Science

De Anza College, Cupertino, CA   *Anticipated Jun 2025*

- Certificate in Web Development

Ohlone College, Fremont, CA   *(2023)*

- Associate AS, Computer Science
- AS, Mathematics
- AA, Natural Science

EXPERIENCE

Front-End Intern, Greentree Group, *Remote*   *Apr 2025 – Jul 2025*

- Improved Ui usability in an internal Ai review tool by implementing keyboard shortcuts and accessibility enhancements.
- Helped refactor legacy code into reusable TypeScript widgets using Tailwind CSS.
- Integrated chart components with export functionality (CSV, Excel, JSON) to enhance data accessibility.
- Worked in a frontend Agile team using Git and Jira for sprint-based task tracking and reviews.

Computer Lab Technician, De Anza College, CA   *Oct 2024 – April 2025*

- Collaborate with cross-disciplinary teams to ensure hardware and software functionality.
- Perform testing and process improvements on new software before lab deployment.
- Document processes and troubleshoot issues, enhancing operational efficiency.

College Math Tutor, Fremont, CA   *Sep 2021 – May 2022*

- Supported students in mastering challenging mathematical concepts, increasing class performance by 80%.
- Fostered a collaborative, inquiry-based learning environment.

PROJECTS

Healthcare HR Dashboard

Tools: Tableau, Python, Faker, Draw.io

- Created a healthcare-focused HR analytics dashboard to visualize staff distribution, demographics, and compensation trends across hospital departments.
- Generated a synthetic dataset using Python and Faker, simulating employee data for demographic and salary analysis.
- Built interactive Tableau dashboards covering hiring trends, gender-based compensation, shift differentials, and departmental breakdowns.

- Highlighted key insights such as gender pay gaps, shift-based salary variations, and tenure-compensation correlations.
- Designed the dashboard layout using Draw.io mockups and published it on Tableau Public.

Smart Expense Tracker (Hack Hayward 2025)

Tools: React, Node.js, Express, RailwayDB, AI, Render

- Built an AI-powered tracker for categorizing and visualizing expenses.
- Deployed full-stack app with Render, leveraging RailwayDB for persistence.

Stock Data Search

Tools: Python, Flask, RESTful APIs, MySQL

- Built a Flask-based web application providing company and stock information by fetching data from the Tiingo API.
- Designed a dynamic frontend with HTML, CSS, and JavaScript; utilized DOM manipulation and XMLHttpRequest for updates.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, HTML, CSS, JavaScript, MySQL, TypeScript
Frameworks/Libraries: React, Next.js, Tailwind CSS, Recharts, Flask, Spring
Technologies: RESTful APIs, Spring Framework, Google Cloud
Other Tools: MATLAB, Power BI, R, LaTeX, Linux/Unix

ACHIEVEMENTS

- Managed club finances as **Treasurer** of Girls Who Code Club, fostering diversity and inclusion in tech.
- Streamlined office processes as Welcome Center Assistant, automating operations by 65%.

ADDITIONAL LINKS

Stock Data Search Project

Currency Converter Project

Healthcare HR Dashboard