Audrey Lam

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EDUCATION

University of California - Irvine   *Sept. 2021 - June 2025 (Expected)*

B.S. in Computer Science | GPA: 3.949, Dean's Honor List for all quarters

- **Relevant Coursework:** Software Engineering, Software Life-Cycle Models, Machine Learning, Data Mining, Data Structures, Design and Analysis of Algorithms, Data Management, Artificial Intelligence, Human and Computer Interaction, Information Retrieval, User Interaction Software

CodePath   *Sept. 2023 - Nov. 2023 (Expected)*

iOS 101: Introduction to iOS Development

- Explored mobile app development with a focus on designing and implementing RESTful API clients using Apple SDKs

PROJECTS

Beep Beep I'm Going Places | Firebase, React Bootstrap, Next.js, REST APIs, SCSS, JSX   *Apr. 2023*

github.com/alam7989/beep-beep

- Built a full stack web application with three teammates for creating and managing vacation schedules
- Created an account registration and login system using Next.js and React Bootstrap, with user credentials automatically added to a Firebase database
- Integrated Yelp Fusion API and geocoding API to find popular businesses near a user's current location, a selected location on the map, or via the search bar
- Implemented functionality for users to add and remove selected activities to and from their planners

ZotDots | Python (Flask, SQLAlchemy), HTML, Javascript, CSS | *github.com/alam7989/zotdots*   *Nov. 2022*

- Developed a full stack web application using Flask with three teammates, enabling collaborative drawing on a shared canvas
- Achieved real-time updates to the canvas by creating a database with SQLAlchemy and using Javascript to save information to it after each edit

Beijing Gourmet Website | HTML, CSS, Figma | *alam7989.github.io/Beijing-Gourmet/*   *Sept. 2022*

- Used Figma to design an interactive website for a local restaurant to attract potential customers and improve customer accessibility through online restaurant information and menus
- Leveraged CSS to ensure a responsive website that adapts to various screen sizes

LEADERSHIP AND EXTRACURRICULARS

Learning Assistant for Introductory Computer Organization   *Sept. 2023 - Current*

- Facilitated active learning by leading two lab sessions every week and supporting Teaching Assistants during office hours
- Planned and discussed course curriculum and student progress in weekly meetings with professors and other course staff

Hack at UCI | Corporate Outreach Organizer   *Dec. 2022 - Current*

- Coordinated among 33 organizers to plan and manage Hack at UCI 2023, Orange County's largest collegiate hackathon with 350+ attendees
- Fostered relationships with 35+ companies through consistent communication to secure sponsorship opportunities for the club
- As a Venushacks Logistic Organizer and Communications Lead, worked with 46 other organizers to plan and manage Venushacks 2023, UCI's largest women-centric hackathon with 100+ attendees

SKILLS

- **Languages:** Python, C++, Java, HTML, CSS, Javascript, TypeScript, MIPS assembly, SQL, Swift
- **Developer Technologies:** Git/GitHub/GitLab, Amazon Web Services (Lambda, Cloud Formation, DynamoDB), Figma, Oracle VM VirtualBox, Visual Studio Code, Xcode, Microsoft Office, LaTeX, Jupyter Notebook