Eric Wu

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EDUCATION

University of California Irvine, Samueli School of Engineering   **Irvine, CA**
Bachelor of Science in Computer Science and Engineering   *Expected June 2022*
Awards: Dean's List, Major League Hacking – Best Beginner Hack (awarded at Citrus Hack 2019)
Relevant Completed Coursework: Python Programming and Libraries, Differential Equations, C/C++ Programming, Discrete Math for CS, Data Structures and Algorithms, Principles of Operating Systems, Java Compilers

WORK EXPERIENCE

PayPal Holdings, Inc.   **San Jose, CA**
SWE Intern – International Business Unit   *June 2021 – September 2021*
- Redesigned production Risk rule alerting system used by entire Company
- Updated outdated R script to Python, optimized existing logic and improved program execution performance
- Improved code readability and established code modularity to facilitate future development
- Built ECD pipeline using Docker and GCP Box to enable seamless development and testing for future developers
- Constructed remote MySQL server using Docker to store functional testing data
- Wrote unit tests to ensure robust code coverage and correct module functionality

Venmo, Subsidiary of PayPal   **San Jose, CA**
SWE Intern – Product Intelligence   *June 2021 – September 2021*
- Designed Android prototype for one of Venmo's key future application features
- Manipulated Venmo Framework to seamlessly incorporate prototype into pre-production Venmo app
- Orchestrated Kotlin and XML code to establish backend and frontend for Android prototype
- Created user campaign endpoints using AWS Personalize to generate user recommendation feeds
- Integrated data science modeling data with application prototype to create robust user experience

iD Tech Camps (Top USA STEM Educator)   **Campbell, CA**
Online Programming Instructor   *August 2020 – May 2021*
- Lectured students ages 11 to 19, Python, C++, Java, and Machine Learning based on their experiences and interests
- Ensured that students built solid programming foundations along with strong critical thinking skills
- Received numerous positive reviews from both parents and students

Campus Hoy, Subsidiary of Wisedu   **Nanjing, China**
Software Development Intern   *June 2019 – Aug 2019*
- Queried HTTP requests using OkHTTP3 and used Google's API to help upload data from database to application
- Improved Mobile UX design by building GUI interfaces with interactive icons and layouts through XML
- Optimized Java source code, increasing the efficiency of information access and transference between activities

SELECT PROJECTS

Japanese Car Match (Facebook Global Developer Messaging Hackathon), June 2020
- Used Nodejs and Messenger API to program a bot that responds to users messaging a Facebook page
- Developed matching algorithm that aggregates cars from JSON data based on user response

SoulWoof (Won MLH Best Beginner Hack 2019), Spring 2019
- Created full stack web app prototype for people to find and schedule playdates for their pets
- Received $600 award for outstanding project design, marketing, and implementation

SKILLS/INTERESTS

- **Proficient:** Java, Python, C++, JavaScript, SQL, AWS, Docker, Jenkins, Git, Unit Testing
- **Familiar:** HTML, CSS, R, XML, Nodejs, AWS DynamoDB, Seaborn, Matplotlib, Scikit-learn, Heroku