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*
GPA: 3.36
Awards: Dean's List, Major League Hacking – Best Beginner Hack (awarded at Citrus Hack 2019)
Relevant Completed Coursework: Python Programming and Libraries, Linear Algebra, Differential Equations, C/C++ Programming, Discrete Math for CS, Data Structures and Algorithms, Principles of Operating Systems

WORK EXPERIENCE

iD Tech Camps (Top USA STEM Educator) **Campbell, CA**
Online Programming Instructor *Summer 2020 - Present*
- Lectured students age 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
- Inspired students to develop passion and love for technology through positive reinforcement and consistent feedback
- Received numerous positive reviews from both parents and students

Campus Hoy, Subsidiary of Wisedu **Nanjing, China**
Software Development Intern *Summer 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 Online Messaging Hackathon), June 2020
- Used Nodejs and Messenger API to program a bot that responds to users messaging a Facebook page
- Competed against more than two thousand developers from across the world
- Linked webhook to Heroku, enabling the script to send HTTP requests to Facebook
- Parsed JSON data with JavaScript, allowing easy change and extraction of data for future expansion
- Extensively tested and revamped workflow to maximize user accessibility
- Developed matching algorithm that aggregates cars from JSON data based on user response

Beta-Amyloid Analysis Program (UCI ML Hackathon), May 2020
- Evaluated experiment datasets and created models that efficiently and accurately predicted Beta-Amyloid positivity in patients
- Utilized Pandas, Pyplot, and Seaborn to enable users to easily understand dataset analysis and exploration

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

SKILLS/INTERESTS

- **Proficient:** Java, Python, C++, JavaScript, SQL, Pandas
- **Familiar:** HTML, CSS, R, XML, VHDL, Git, Nodejs, JSON, AWS DynamoDB, Seaborn, Matplotlib, Sci-kit Learn
- **Interests:** Basketball, Volleyball, Camping, Drawing, Classical Guitar