

Eric Ong

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Work Experience

Intuit

SOFTWARE ENGINEER I

- Financial Data Platform Team

Mountain View, CA

July 2020 - Present

OpenTable

SOFTWARE ENGINEERING INTERN

- Expanded user interfaces and scaled new features for internal tools and consumer-facing products using React, TypeScript, and OpenComponents
- Improved and eliminated bottlenecks for internal tools to automate the creation process of OpenTable's Editorial Lists, which more than doubled the speed of workflow for internal marketing users
- Wrote unit and integration tests for frontend components using Jest, Enzyme and Test Driven Development techniques
- Collaborated with team members to help develop Gallery Photos, a micro-app under OpenTable's GuestCenter Admin that provides 1000+ restaurants with full customizability and manageability of their own photos

San Francisco, CA

June 2019 - Aug. 2019

Projects

Patch

- A React and Flask application that patches corrupt audio in Zoom video recordings by utilizing the user's local audio recording
- Allowed users to drag 'n' drop media files for upload, view the patched Zoom recording, and identify sections of corrupt audio via start and end timestamps of the video in the frontend
- Won *1st Place Overall*, *1st Place Best Use of Google Cloud Platform*, *1517 Best Entrepreneurial Hack*, and *Best Start-Up Project* at Citrus Hack 2020

Cheater Beater

- A full stack application built with React and Express that detects plagiarism and code reuse in Devpost hackathon submissions
- Rendered code blocks that highlighted sections of reused code in the user's connected GitHub repositories and displayed data illustrating the percentage of lines of code and files matched
- Won *3rd Place Overall* and *2nd Place Best Use of Google Cloud Platform* at LA Hacks 2020

Baut

- A chat bot web application that recommends songs and movies based on the user's lifestyle and entertainment interests
- Captured the user's emotion via webcam when browsing through recommendations, allowed users to save/delete recommended songs and movies, and visualized similarities between songs using data from Spotify's API
- Won *1st Place* in GEICO's Inaugural Hacktivates Cup Hackathon, representing the University of California, Riverside with a group of 4 other students

Publications

- 2019** Amr Magdy, Laila Abdelhafeez, Yunfan Kang, Eric Ong, and Mohamed F. Mokbel. Microblogs Data Management: A Survey. In International Journal on Very Large Data Bases (VLDB).

Skills

- Languages** Python, JavaScript, C++, HTML/CSS, SQL
- Technologies** React, Redux, Vue.js, Jest, Node.js, Express, Flask, Jupyter, MongoDB, PostgreSQL, Git
- Others** Figma, Sketch, Adobe Photoshop, Adobe Photoshop Lightroom

Education

University of California, Riverside

B.S. IN COMPUTER SCIENCE

Riverside, CA

Graduated June 2020

- Honors:** Magna Cum Laude, GPA 3.85/4.00
- Relevant Coursework:** Object-Oriented Programming, Discrete Structures, Data Structures & Algorithms, Databases, Machine Learning & Data Mining, Operating Systems, Computer Architecture, Compilers, Information Retrieval, Software Engineering