Ben Hong

Software Engineer

(415) 866-9912   benhong654@gmail.com   **Portfolio** | **LinkedIn** | **Github**   San Francisco, CA

Skills   Javascript, Python, React, HTML, CSS, Node.js, Express.js, Flask, Git, SQL, jQuery, AWS, S3

Experience

Waymo (via Collabera), Alphabet Inc.
EngOps Senior Quality Assurance Associate   *Mar 2023 - Oct 2023*
Software Quality Assurance Associate   Feb 2022 - Mar 2023
- Quality controlled 10,000+ cases and filed bugs to assist engineers in fixing high priority cases
- Elevated the efficiency of over 1000 high priority ad hoc cases effectively by approximately 30%
- Mentored trainees to successfully pass Waymo's L1 & L2 assessment, significantly boosting triage team productivity through improved triage skills and efficiency

Numbers API (Javascript, Python, jQuery, HTML, GraphQL, Apollo, Jest)
Software Engineer Intern   May 2021 - Jun 2021
- Fixed a bug that enabled hundreds of unnecessary API calls by applying a debounce function
- Integrated GraphQL to allow for flexible querying from the parameters in the database
- Modernized legacy code to ES6 standards to increase readability for future contributors
- Sanitized data from wikidata utilizing regex to enable functional implementation in the future

Projects

Jobly (Javascript, React, Express.js, PostgreSQL, Jest, Material-UI, AWS, S3)   **Live Site** | **Github**
Full Stack Job Board Web App
- Created RESTful authentication for secure login & signup feature by utilizing express middleware and JSON Web Token
- Built an API to generate & filter companies/jobs by asynchronously querying from SQL database, allowing the React front-end to utilize the data
- Developed a feature enabling seamless integration of cloud-based PDF resume uploads via AWS S3 Bucket, enhancing user experience and data management efficiency within the web app

Warbler (Python, Flask, SQLAlchemy, WTForms, Python unittest, HTML, CSS)   **Github**
Full Stack Twitter-like microblogging Web App
- Created relational database with users, follows, likes, and messages using SQLAlchemy to allow for implementation of these features in the Flask App
- Added editing features to edit banner, profile picture, username, and biography by using a routing function
- Implemented model and view tests using Python Unittest to ensure the codebase is free from detrimental errors

Education

Rithm School   Feb 2021 - Jul 2021
Immersive software development course with focus on full stack web development
San Francisco State University   Aug 2016 - May 2020
B.S. in Business Administration: Concentration in Finance | Cum laude