

# 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, GraphQL, Git, SQL, jQuery

## Experience

### Waymo (via Collabora), 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%
- Successfully mentored trainees to pass Waymo's L1 & L2 assessment, resulting in higher triage productivity in Waymo's triage team

### 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, HTML, CSS, Express.js, PostgreSQL, Jest, Material-UI)

[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
- Implemented React component hierarchy design to create a full-stack React app with persisting login feature

### Warbler (Python, Flask, SQLAlchemy, WTForms, Python unittest, HTML, CSS)

[Live Site](#) | [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*