Andrew Jensen, CFA

California | (415) 269-1855 | andrewkjensen@gmail.com | [LinkedIn](#) | [Github](#) | [Personal Site](#)

TECHNICAL SKILLS

Languages - Javascript, Python, TypeScript, HTML, CSS, SQL, PostgreSQL, GraphQL
Frameworks / Tools - Node, Express, Jest, Flask, SQLAlchemy, unittest, VSCode, Git, Github, S3
Libraries - React, React Testing Library, Bootstrap

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern @ *Foqal.io*   Sep 2022 - Oct 2022 [Recorded Demo](#)
Foqal.io
- Debugged and added features to production codebase with **React**, **Typescript**, **GraphQL,** and **Bootstrap.**
- Engineered a new user interface utilizing pop-out panels, tabs, and filtering.
- Developed and debugged feature to toggle read/unread messages throughout frontend.

TECHNICAL PROJECTS

ShareBnB   [Live Demo](#) | [Github](#) front | [Github](#) back
- An Airbnb clone with user authentication, protected routes, listings search, reservations, and messaging.
- Built the SPA frontend with **Javascript, React,** and **Bootstrap.**
- Built the RESTful API backend with **Python, Flask, PostgreSQL,** and Amazon **S3** for image storage.

Jobly   [Live Demo](#) | [Github](#) front | [Github](#) back
- A job search site with features for user authentication and search.
- Built the SPA frontend with **Javascript** and **React** and the RESTful API backend with **Node, Express,** and **PostgreSQL.**
- Utilized testing-driven development with **Jest** to maintain over 90% backend test coverage.

Warbler   [Live Demo](#) | [Github](#)
- A Twitter clone with features for user authentication, follows, and likes. Server-side rendering using **Python**, **Flask**, **Jinja**, and WTForms**.** I worked in an existing codebase to fix bugs, test, and add new features.
- Implemented backend features using Flask session, local storage, and Flask global variables.
- Leveraged **SQLAlchemy** to query and update the relational database using many-to-many relationships.
- Achieved over 90% test coverage using **unittest** for unit and integration tests across the entire codebase.

ADDITIONAL WORK EXPERIENCE

Secondary Education

Sugar Bowl Academy | Math Teacher   2019-2022
Ruth Asawa San Francisco School of the Arts | Math Teacher, Dept. Head   2015-2019
- Taught Algebra 1 & 2, Geometry, Precalculus, AP Calculus, and AP Statistics by cultivating a low-anxiety classroom where students felt comfortable utilizing mathematical discourse to express their thinking.

Finance

BlackRock | Asset Allocation Portfolio Manager, Consultant Relations Data Analyst   2010-2015
- Co-managed a multi-asset book of > 300 portfolios and > $300B in assets.
- Reduced my group's quarterly workload by hundreds of hours by overhauling a data delivery process.

State Street | Fund Accountant, Manager   2007-2010
- Led and developed a staff of 12 fund accountants and supervisors.
- Spearheaded a major systems conversion.

EDUCATION

- **Rithm School -** Full Stack Web Development Program   2022 – 2022
- **San Francisco State University |** Teaching Credential   2017 – 2019
- **Chartered Financial Analyst Charter |** CFA Charter   2011 – 2013
- **University of California - Davis |** B.S. Mathematics   2002 – 2006