Billy Russell

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TECHNICAL SKILLS

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

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SOFTWARE ENGINEERING EXPERIENCE

Software Engineer Intern   September 2022 - October 2022
Rithm School / NumbersAPI   San Francisco, CA
- Worked in a team of 10 to rebuild NumbersAPI from the outdated legacy codebase, 7+ years, using Flask framework and Blueprints to create a REST API and reusable components
- Created new features for NumbersAPI, updated facts for numbers, implemented API rate limits
- Implement 95% test coverage for trivia and math routes and models
- Researched SASS and legacy code base, presented findings to fellow team members to help them understand how to implement SASS and the frontend of legacy code base
- Added SMS features with Twilio, testing the implementation with Ngrok tunnel

TECHNICAL PROJECTS

Jobly   Live Demo | Github
- Created a front-end app using React for Jobly, a website that shows companies and job listings
- Created components for job and company details, lists, and cards for individual jobs and companies
- Created API helper for centralizing AJAX calls and created company job detail pages

Warbler   Live Demo | Github
- Reviewed and remedied bugs in existing codebase and extended new features to a Twitter clone
- Maintained a 95% test coverage while creating new features and updating past features
- Created authentication and authorization checks for accessing routes when logged in and logged out

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ADDITIONAL WORK EXPERIENCE

Data Imagery Editor   June 2021 - August 2021
Apple, via Apex Systems   Sunnyvale, CA
- Assisted in machine learning by correcting computer generated errors through quality assurance practices, analyzed and remedied deficiencies by marking 2D-3D generated imagery
- Communicated in a large team of 80 and guided new hires on company practices
- Optimized existing processes in order to meet client goals
- Used comparative analysis to establish conformity throughout projects

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EDUCATION

Rithm School   August 2022 - October 2022
Full Stack Web Development Bootcamp   San Francisco, CA

San Jose State University   August 2019 - May 2021
B.S. Sociology   San Jose, CA