

Brian Joo

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TECHNICAL SKILLS

Programming Languages: Javascript, Python, TypeScript

Database Technologies: SQL, PostgreSQL, SQLAlchemy, Amazon S3

Web Development: React, Node, Express, Flask, Django, HTML5, CSS3

Testing Frameworks/Libraries: Jest, Jasmine, React Testing Library

Other Tools: Git, Github, VSCode, Insomnia, Bootstrap, Tailwind CSS

TECHNICAL PROJECTS

Warbler - Twitter clone built with Python, Flask, SQLAlchemy

[LiveDemo](#) | [GitHub](#)

Jobly - Full stack job-board built with React, Node, Express, PostgreSQL

[LiveDemo](#) | [GitHub](#)

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern

Rithm School

May 2023

San Francisco, CA

- Leveraged extensive development experience and Python skills to implement new features in a large-scale Django-based codebase, consisting of over 80,000 lines of code.
- Quickly learned a new framework in 3 short days, in order to contribute to the codebase.
- Successfully implemented a feature for users to easily distinguish between public and private information on their profile pages, improving the user experience.
- Created a user-friendly blogging platform for cohorts and instructors, enhancing their ability to share knowledge and collaborate effectively.
- Implemented a seamless user experience for students, enabling them to access and manage their registered cohorts through a secure interface, increasing student engagement and satisfaction.
- Utilized and wrote custom testing Factories to aid in writing over 40 unit and integration tests, keeping test coverage at 98% or above at all times.
- Actively engaged in daily stand-ups and employed planning poker to estimate resolution times for codebase issues, enhancing the team's productivity and efficiency.

ADDITIONAL WORK EXPERIENCE

Former Job

O'Brien Sinks

Mar 2014 - May 2023

Paso Robles, CA

- Utilized troubleshooting abilities to quickly identify and resolve issues, reducing equipment downtime by 18% and boosting overall productivity.

- Crafted an average of 12 sinks per day according to changing daily work orders and specific customer needs.
- Coordinated the operation of up to 6 electric kilns and 1 large gas kiln per day, ensuring the timely readiness for the end product to get to customers in need.
- Cross-trained 7 employees to maximize team agility and performance.

Former Job

U.S. Army

July 2004 - July 2010

Fort Bragg, NC

- Managed a team of 6 soldiers responsible for maintaining, repairing, testing, and calibrating helicopter electrical systems, components, and equipment, resulting in an average of 91% or higher operational readiness rate.
- Created status reports on helicopter maintenance and repairs while collaborating with team leaders, improving company-wide understanding of helicopter flight-readiness status.
- Analyzed technical drawings, diagrams, and documentation to inform effective decisions about electrical systems repairs.
- Trained junior soldiers on proper maintenance procedures to improve mission readiness and success.

EDUCATION

Rithm School

Full Stack Software Engineering Bootcamp

Feb 2023 - Jun 2023

San Francisco, CA

California Polytechnic State University - San Luis Obispo

B.S. Degree - Clinical Nutrition

Sep 2012 - Jun 2015

San Luis Obispo, CA

Pasadena City College

Transfer Program

Aug 2010 - Jun 2012

Pasadena, CA