

# Brian Joo

San Luis Obispo, CA | 818-808-5601 | brianhjoo@gmail.com | [LinkedIn](#) | [Github](#)

## 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** - Full stack 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*

Jun 2004 - Jun 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*