

Claudia Lam

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TECHNICAL SKILLS

Languages - JavaScript, Python, TypeScript, SQL, HTML, CSS

Frameworks and Libraries - React, Flask, Django, Express, Node.js, jQuery, Bootstrap, Jest, Jasmine, doctest, unittest, Git, GitHub, AWS S3

Relational Database - PostgreSQL, SQLAlchemy

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern

05/2023

Rithm School

remote

- Submitted pull requests and maintained a test coverage of 98% to Rithm Student Information System, a Django-based management system for students and staff.
- Collaborated on a comprehensive system using a complex data model with 59 database tables and 21 applications, employing relational databases.
- Developed a Lightning Talks App from scratch, leveraging technologies such as Watson Search to enable cohort-specific search and implemented file upload functionality for pptx files.

TECHNICAL PROJECTS

Jobly

[LiveDemo](#) | [Github](#)

- Built a full stack job search platform, crafting a backend as a pure API app through the utilization of Node.js, Express, and PostgreSQL, with a React frontend.
- Developed the registration and login flows, along with search queries against a RESTful API that returned a JSON payload.

Warbler

[LiveDemo](#) | [Github](#)

- Built a back-end twitter clone using Python, Flask, PostgreSQL, SQLAlchemy, RESTful API.
- Implemented a test-driven development (TDD) approach to thoroughly unit test model attributes and routes.

ADDITIONAL WORK EXPERIENCE

Menu Compliance Associate

03/2018 – 02/2020

Stanford University Residential & Dining Enterprises

Palo Alto, CA

- Collaborated closely with the engineering team and head chefs to create a CRUD menu app, aimed at streamlining menu planning and reducing food waste.
- Developed an automated system that generates daily reports for dining halls regarding the dietary restrictions of summer camp students, resulting in a 3-month enhancement of operational efficiency.

Senior Audit Associate

09/2016 – 11/2016

Audit Associate

10/2014 – 08/2016

PricewaterhouseCoopers (PwC)

Hong Kong

- Identified inconsistencies between clients' financial statement balances by analyzing general ledgers, contracts, and journal entries to assess the need for disclosures to external stakeholders.
- Efficiently analyzed 3 years of financials with ratio and variance analysis within a rapid 2-month timeframe for a toy company filing for IPO.

EDUCATION

Rithm School

2023

Full Stack Web Development Bootcamp

University of California, Davis

2014

Bachelor of Science, Managerial Economics