CHALON LUBIN

Bend, OR | 907-903-0167 | chalonlubin1@gmail.com | github.com/chalonlubin | linkedin.com/in/chalonl/

TECHNICAL SKILLS

Languages - JavaScript ES6, Typescript, Python, SQL, HTML, CSS
Frameworks & Libraries - React, React Testing Library, React Native, jQuery, Node.js, Express, Flask, SQLAchemy, PostgreSQL, Bootstrap, Tailwind, MaterialUI, SASS, Jest, Python Unittest
Developer Tools - Git, Github, Storyboard, Insomnia, Figma, Webflow

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern   *Feb '23- March '23*
Numbers API   Remote

- Rebuilt a decade old widely used API that receives approximately 100,000 requests per month with a team of seven, focusing on clear and concise communication during standups, storyboarding, and pull requests throughout the project
- Implemented mobile app usable on both Android and Apple iOS using React Native
- Upgraded backend to be a Flask powered database while maintaining 100% test coverage throughout the process
- Constructed an admin dashboard integrated with the front end that allows the authorized admin to approve or deny submitted facts, while reflecting those decisions in the database

TECHNICAL PROJECTS

Friender | Node, Express, Postgres, React   Live Demo | Github
Fullstack Tinder-like Matching App

- Planned and designed a database schema for relationships between database models
- Leveraged Amazon Web Services S3 buckets to store photo uploads from users
- Produced a swiping feature utilizing a custom built algorithm that retrieved the next possible match with consideration of user preferences and the potential match's geographical location

Warbler | Python, Flask, Postgres, SQLAchemy   Live Demo | Github
Fullstack Twitter-like Messaging Board

- Developed a server side rendering app with CRUD like actions: add, edit, delete, like, unlike, follow, and unfollow
- Achieved authorization and authentication using Flask sessions and BCrypt for hashing
- Leveraged SQLAlchemy to dynamically query and update the relational database

Jobly | Node, Express, Postgres, React   Live Demo | Github
Fullstack Job Board

- Built a RESTful API with Node.js and Express, containing database models with backend data validation via JSON schemas
- Managed authorization and authentication by utilizing middleware with JSON web tokens and password encryption with BCrypt

ADDITIONAL WORK EXPERIENCE

Bar Manager   *Apr '21- Sept '22*
Worthy Brewing   Bend, OR

- Spearheaded development of innovative and seasonal cocktail menu, adjustment of menu pricing and items, and negotiations with vendors, resulting in a minimum ~30% monthly increase in net profit over the course of time as the manager.
- Automated liquor inventory counting by leveraging Toast, comparing sales to expected inventory left, allowing the company to account for inventory loss
- Created standards of procedure for the manager position, allowing for smooth future transitions

Program Director   *Jan '16 – July '20*
CHOICES, Inc.   Anchorage, AK

- Secured $350,000 in federal funding to launch a new program with the goal of stabilizing and securing housing for mentally ill individuals experiencing homelessness
- Represented agency in meetups, resulting in positive lasting relationships with mutual benefits including those with the city, housing providers, fire department, police department, and two local credit unions
- Implemented Medicaid billing, increasing program funds by ~20% on average per year

EDUCATION

Rithm School   San Francisco, CA
Full-stack Web Development   *Oct '22 - March '23*
University of Colorado   Boulder, CO
Bachelor of Arts in Communication   *2013*