

Chris Lupton

New Orleans, Louisiana | clupton99@gmail.com | LinkedIn | Github

TECHNICAL SKILLS

Languages - Javascript, Python, SQL, PostgreSQL, HTML, CSS

Frameworks and Libraries - React, Node, Express, Flask, Bootstrap

Tools - Jest, React Testing Library, unittest, VSCode, Git, Github, Docker, SQLAlchemy, debugging

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern

May 2023 – June 2023

NumbersAPI v2

San Francisco, CA

- Migrated an existing professional codebase from JavaScript and Express to Python, Flask, PostgreSQL, and React
- Wrote RESTful routes for new endpoints and designed new database models with 97% testing coverage
- Created over 100,000 unique data records using faker library for manually testing API while in development
- Utilized ngrok and Twilio to implement a route for requesting a random trivia fact via SMS
- Orchestrated a multi-container docker-compose to containerize images of the application with a seeded version of the database for consistent, cross-platform development and deployment
- Followed the Agile methodology and successfully merged pull requests for multiple Github issues during each sprint

TECHNICAL PROJECTS

Jobly

JavaScript, React, Node.js, Express, PostgreSQL

Live Demo | Github

- Designed a RESTful job searching API with that allows users to apply to job listings posted by companies
- Created a comprehensive React component hierarchy for a frontend that allows for user registration, login, and sign out
- Implemented authorization and authentication middleware using JWTs, schema validation and Bcrypt encryption

Warbler

Flask, SQLAlchemy, PostgreSQL, Bootstrap

Live Demo | Github

- Developed a twitter clone that allows users to follow other users and like posted messages
- Used WTFORMS form validation to protect against CSRF attacks
- Implemented authorization and authentication of users with Flask session, the g object, and local storage

ADDITIONAL WORK EXPERIENCE

Crane's Nest Go

2012 - present

Primary Go Instructor

New Orleans, LA

- Shaped personalized lessons for students both online and in person, while offering in depth analysis for study and review
- Partnered with New Orleans Museums of Art for Japanese cultural events and Go exhibitions and instruction for all levels

JET Program

2009 - 2012

Assistant Language Teacher

Miyazaki, Japan

- Developed fun and engaging curricula for children of ages ranging from nursery school to junior high school
- Contributed as a bi-monthly columnist in the local interest magazine Mimata Kairan with a focus on community initiatives
- Assisted young students in countless performances - musical, theatrical, and speech contests with a focus on cultivating a fun and supportive atmosphere

EDUCATION

Rithm School

2023

Full Stack Web Development Bootcamp

San Francisco, CA

Loyola University of New Orleans

2005

B.A. Philosophy, B.A. Japanese

New Orleans, LA

Summa Cum Laude