Taylor Hood

San Francisco, CA | 337-263-0327 | taylordannhood@gmail.com | [LinkedIn](#) | [Github](#)

TECHNICAL SKILLS

Languages - JavaScript, Python, SQL, PostgreSQL, HTML, CSS
Libraries - jQuery, Jest, Bootstrap, React Testing Library
Frameworks / Tools - Node, Express, React, Flask, SQLAlchemy, AWS, VSCode, Git, GitHub, Insomnia

---

SOFTWARE ENGINEER EXPERIENCE

Rithm School Internship - NumbersAPI   August 2022
- Developed a server side API using a React frontend and Flask backend
- Managed database interactions using SQLAlchemy
- Created an ETL script to transfer and transform large data files for legacy data migration
- Implemented a popularity algorithm for trending items
- Added documentation and automated testing via unittest
- Gained experience with version control using Git and pull request code reviews
- Planned projects and collaborated with team in an Agile environment

TECHNICAL PROJECTS

Warbler   [Live Demo](#) | [Github](#)
- Server side rendered mock Twitter site built using Python, Flask, and PostgreSQL
- Added authentication/authorization to RESTful API routes
- Protected passwords in database with Bcrypt hashing function
- Managed database interactions through Python ORM SQLAlchemy

Jobly   [Live Demo](#) | [Github](#)
- Express backend that handled authentication and authorization via middleware
- Single-page React frontend, incorporating local storage for persistent user experience

---

ADDITIONAL WORK EXPERIENCE

Data Pipeline Practitioner/Lab Data Manager   January 2020 – January 2022
Invista   Orange, TX
- Engineered server architecture, data pipelines, and databases for global processes.
- Monitored and moderated sample trends to derive potential areas of concern or improvement with LIMS RDBMS
- Trained and mentored end users on various tools to promote overall operational excellence.
- Created an innovative dashboard alerting in relation to key performance indicators.

Instrumentation and Calibration Technician   February 2018 – January 2020
Invista   Orange, TX
- Maintained, calibrated, and repaired GCs, HPLCs, ICs, XRFs, TOCs, UV-Vis, ICPs, and KF titrators.
- Augmented operational policies and protocols to retain adherence to ISO 9001 standards.

Lab Technician   September 2015 – January 2018
Citgo   Lake Charles, LA
- Ran quality control testing on lab samples and verified input data.
- Communicated with site units and generated Certificates of Analysis when the product met standard specifications.

EDUCATION

Rithm School   May 2022 – September 2022
Full Stack Web Development Bootcamp   San Francisco, CA

McNeese State University   August 2013 – December 2018
M.Sc. Degree in Chemistry and Environmental Science   Lake Charles, LA