

John Gaughan

Software Developer

208-996-5022
San Francisco, CA
fjohnbaughan@gmail.com
linkedin.com/johnbaughan3
github.com/john-gaughan

Technical Skills

Software Languages:

- Python
- SQL
- CSS3
- HTML5
- JavaScript

Frameworks/Libraries:

- Flask
- React
- Node.js
- Pandas
- NumPy

Design and Infra:

- Heroku
- Bootstrap
- Web API
- Web Forms
- Json

Database & Hosting:

- SQL
- PostgreSQL

Tools

- Git
- Github
- Jupyter Notebook
- Visual Studio Code
- Anaconda

Additional Skills

Languages:

- Spanish

Projects

GecMonitor / Software Developer

Technologies - Python, Flask, PostgreSQL, SQLAlchemy, Selenium, Psycopg2, WTForms, Werkzeug, Bootstrap, HTML5

- Leveraged Selenium and PostgreSQL database to gather and save pollution cleanup updates from gov't website, saving users over 90% of time spent on traditional manual monitoring
- Built Flask/HTML/Bootstrap interface allowing users to pick projects they wish to track, group them into reports, and generate update reports from Selenium web crawler with a single click
- Developed user security via authentication and password hashing

Professional Experience

Langsam Stevens Silver & Hollaender, LLP / Legal Assistant

March 2019 – November 2020, Philadelphia, PA

- Enhanced index system for and reorganized 100,000+ digital case files, driving up to 10x faster file procurement
- Analyzed documents and prepared reports on complex chemical, legal, and regulatory developments on pollution characterization and cleanup
- Calculated and reported on year-over-year state budget changes regarding environmental agencies and the state judiciary

Education

Coding Temple / Full Stack Web Development

- Led git version control and integration of team members' code contributions to web app, leading to a unified, functional e-commerce site built with Python, Flask, SQLAlchemy, PostgreSQL, unicorn, HTML, and CSS3
- Developed Flask backend and React.js frontend to develop joint blog and online shopping system with CRUD functionality
- Extracted insights on Airbnb market trends in NYC including busiest and highest-grossing hosts, popularity by location, and average price by borough using Pandas DataFrames and NumPy

Southern Virginia University / BA English, Minor Spanish

- Graduated *summa cum laude*
- Barrus Scholar (*liberal arts award given to two students in each graduating class*)