Jennifer Langley
jlangley1019@gmail.com | LinkedIn | GitHub | Portfolio

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, VBA, HTML, CSS, SQL
- **Frameworks & Tools:** NodeJS, ExpressJS, Git, ReactJS, Redux, Flask, PostgreSQL, SQLite, MS Access

PROJECT EXPERIENCE

Style Swap | E-Commerce Site | ReactJS, Redux, Flask, PostgreSQL | **Live** | **Github**   **Oct 2023**
- Utilized React Context, custom Hooks, and Local Storage to create a dynamic shopping cart feature to be used across any page to provide a seamless and persistent shopping experience.
- Combined SQLAlchemy and React to create a search bar which efficiently queries the backend database to retrieve and display relevant products in a dropdown with the top results, and all results upon submission.

Ramble | Social Media Site | ReactJS, Redux, Flask, AWS, PostgreSQL | **Live** | **Github**   **Aug 2023**
- Leveraged AWS S3 buckets to efficiently store and serve images, enhancing the project's scalability.
- Collaborated within a remote team, utilizing Git feature branches for version control, demonstrating expertise in merging, resolving conflicts, and conducting code reviews.

WeirdBnb | Vacation Rental Site | ReactJS, Redux, ExpressJS, NodeJS, PostgreSQL | **Live** | **Github**   **Apr 2023**
- Integrated Google Maps using React and Google Cloud API to enhance user experience by displaying the location of the rental.
- Utilized Express and NodeJS to construct a high-performance backend, handling server-side logic, routing, and middleware integration for the project, ensuring smooth and efficient data flow.

WORK EXPERIENCE

New York Department of Financial Services, Albany, NY   **Sep 2022 - Jul 2023**
Statistical Assistant
- Conducted data collection and analysis of pharmaceutical pricing data using Python and Excel to ensure compliance with state pricing regulations, increasing the identification of price hikes.
- Generated regular and ad-hoc reports using Excel to provide insights based on the compiled data.

Regeneron Pharmaceuticals, Rensselaer, NY   **Sep 2021 - Sep 2022**
Process Data Assistant
- Achieved an increase in reporting efficiency by automating data retrieval, dynamic creation of Pivot Charts, and real-time updates with VBA from Sharepoint data, improving resource allocation.
- Performed data verification and validation for pharmaceutical manufacturing data and investigations against original data sources in various software databases to ensure data integrity and accuracy.
- Conducted statistical analysis of biological sample data in Excel and JMP to verify investigational conclusions.

CMA Consulting, Latham, NY   **Jan 2020 - Aug 2020**
Financial Analyst Intern
- Developed and maintained Microsoft Access databases and used SQL queries to extract, manipulate, and organize financial data for analysis.
- Assisted in the development of financial dashboards and reports in Microsoft Access to present key metrics.

EDUCATION

App Academy, New York, NY   **Sep 2022 - Oct 2023**
Full-Stack Software Engineering Bootcamp

Rensselaer Polytechnic Institute, Troy, NY   **Aug 2017 - May 2021**
Bachelor of Science, Dual Major: Business Management, Economics
- **Relevant Coursework:** Computer Science, Data Structures, Computer Information Systems, Matrix Algebra