

# Jennifer Langley

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## TECHNICAL SKILLS

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JavaScript, Python, VBA, HTML5, CSS3, SQL, Node.js, Express, React, Redux, Git, Flask, PostgreSQL, SQLite, AWS S3, Microsoft Access, Pair Programming, Test-Driven Development, Object-Oriented Programming, REST APIs

## PROJECT EXPERIENCE

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**Style Swap** | E-Commerce Site | JavaScript, React / Redux, HTML, CSS, Python, Flask, SQLAlchemy

[Github](#)

- 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.
- Designed a user-friendly website interface with HTML, CSS grid, and media queries, ensuring responsiveness across various devices and screen sizes.

**Ramble** | Social Media Site | JavaScript, React / Redux, HTML, CSS, Python, Flask, SQLAlchemy, AWS S3

[Github](#)

- 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** | Home Rental Site | JavaScript, React / Redux, HTML, CSS, Node.js, Express.js, Sequelize

[Github](#)

- 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.
- Integrated Google Maps using React and Google Cloud API to enhance user experience by displaying the location of the rental.

## WORK EXPERIENCE

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**Statistical Assistant** | New York Department of Financial Services | Albany, NY

Sep 2022 - Jul 2023

- Compiled and organized price data leveraging Excel and SQL for analysis, collaborating with the IT team to optimize the data retrieval process, achieving a notable increase in identifying price hikes.
- Utilized pharmaceutical price reporting datasets, databases, and company records to perform in-depth analysis of price changes, writing memos and reports on relevant findings, contributing to more informed decision making.

**Process Data Assistant** | Regeneron Pharmaceuticals | Rensselaer, NY

Sep 2021 - Sep 2022

- Automated reporting with VBA macros in Excel, resulting in a dynamic update of Pivot Charts, increasing reporting efficiency and streamlining the data analysis process, improving resource allocation.
- Performed data verification and statistical analysis of manufacturing investigation datasets using JMP and Excel.
- Assisted in data entry and retrieval requests, utilizing company software and tools to input information accurately and efficiently, supporting seamless operations.

**Financial Analyst Intern** | CMA Consulting | Latham, NY

Jan 2020 - Aug 2020

- Updated and maintained financial dashboards and reports in Excel and Microsoft Access, playing a key role in tracking and analyzing financial metrics.
- Assisted in creating SQL queries and stored procedures in Microsoft Access, optimizing the data retrieval process.

## EDUCATION

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**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 Analytics, Computer Information Systems