Jennifer Langley

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TECHNICAL SKILLS

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

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

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

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