Jennifer Langley

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EDUCATION

Rensselaer Polytechnic Institute, Troy, NY   **Aug 2017 - May 2021**
Bachelor of Science, Dual Major in Economics and Business
Relevant Coursework: Data Structures, Data Analytics, Econometrics, Linear Algebra, Multivariable Calculus

App Academy, New York, NY   **Sep 2022 - Oct 2023**
Certificate, Software Engineering

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, Java, HTML, CSS, SQL
- **Frameworks & Tools:** NodeJS, ExpressJS, Git, ReactJS, Redux, Flask, Rest API
- **Databases:** PostgreSQL, SQLite

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.
- Collaborated with IT teams to enhance data retrieval processes, optimizing the team's investigative capabilities.

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.

PROJECT EXPERIENCE

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.
- Combined SQLAlchemy and React to create a search bar that queries the backend database to retrieve and display relevant products in a dropdown with the top results, and all results upon submission.

Social Media Site | ReactJS, Redux, Flask, AWS, PostgreSQL | **[Live](#)** | **[Github](#)**   **Aug 2023**
- Implemented secure user authentication and application-wide CRUD actions to create, edit, and delete posts.
- 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.

Vacation Rental Site | ReactJS, Redux, ExpressJS, NodeJS, PostgreSQL | **[Live](#)** | **[Github](#)**   **Apr 2023**
- Integrated Google Maps using React and Google Cloud API to display 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.