

SHIRELLE WINECOFF

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WORK EXPERIENCE

Software Engineer

May 2022 to Present

American Express

Remote

- Collaborated with an agile scrum team through the use of JIRA to complete stories; built core features to modernize a global portal and make it more accessible to servicing colleagues by using Javascript, Java, JReact Library and compatible packages, internal APIs, Amex CSS framework, and Docker.
- Used Jest framework and RTL to unit test, ensuring 100% code coverage for modules.
- Was apart of an AI/ML initiative where I helped build a chatbot that would cut down response times of servicing colleagues facing portal issues by offering troubleshooting tips and issuing tickets. This cut down the amount of time call center colleagues would have to wait if faced with an issue while handling consumer calls, thus improving customer satisfaction. Technologies used were React and IBM Watson.

Mechatronics and Robotics Engineer Apprentice

April 2021 to October 2021

JLL

Teterboro, NJ

- Troubleshooted and repaired complex high-performance manufacturing systems to maintain process efficiency.
- Observed and incorporated safety standards and regulations required for safe operation of the systems.

EDUCATION

Mechatronics and Robotics Certification

July 2021

Lehigh Carbon Community College

Lehigh Valley, PA

- Certificates of Achievement (PMMI Mechatronics) in Fluid Power, Industrial Electricity, Mechanical Components, and Programmable Logic Controllers

Software Engineering Fellow

March 2022

Per Scholas

Newark, NJ

- Gained skills in Javascript ES6, HTML, CSS and frameworks, and React Library, utilizing both class and functional components for front-end. Utilized Java, Springboot, and Node.js for various backend applications. Built a full-stack web application using the above technologies as well as Postgres and Spring for backend. Learned best practices when working with stated technologies.

Data Engineering Fellow

April 2023- Present

Correlation One Data Science for All (Data Engineering Program)

Remote

- Advance skills in data engineering through utilizing real-world business cases to implement SQL, Python (and libraries such as Pandas and Dask) and cloud core principals.
- Completed a collaborative capstone project building a data warehouse to analyze the effects of the PPP Loan on various sized banks' balance sheet and the equity of the program.

SKILLS

Data Analysis Skills: Python, SQL

Web Development: JavaScript, HTML, CSS, Chart.js, RESTful API, Node.js, Sequelize, Java, NodeJS, Spring

Version Control: Git, Github CI/CD: Jenkins