

Shi-Wa Alexa Moy

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Technical Skills

Languages: Javascript, TypeScript, Java, Python, HTML, CSS, Scala, GraphQL

Frameworks: React, Redux, React-Redux, Node, Express, Angular 2+, Jest, Enzyme, Cypress, JUnit, Spring

Tools: Docker, Git, Figma

Professional Experience

Twitter

New York, NY

Software Engineer II - Performance Ads

May 2022 - Present

- Hydrated features for online experimentation of click prediction ML models resulting in improved advertisement performance measured by RCE (Relative Cross Entropy) gains of up to 20%
- Wrote data extraction and transformation logic for ad signal features and registered them to Twitter's feature store using Scala and Twitter's data catalog system
- Responded to 24 hour on-call alerts for critical services in the ad serving pipeline, providing support to more than 100 cross functional team members

T. Rowe Price

New York, NY

Software Engineer - Investment Operations

August 2019 - May 2022

- Developed fullstack features with a React frontend and Spring Boot backend, including a dashboard for monitoring the health and various processes of the application
- Worked closely with business analysts to design and determined requirements for new features such as a system to schedule reports to be sent via email
- Wrote end to end integration tests with Cypress and supported members in remediating issues they faced as part of their development process
- Heavily integrated and customized AG Grid to display complex business calculations

Cognizant Technology Solutions

Jersey City, NJ

Fullstack Engineer - J.P. Morgan Chase & Co.

October 2018 - June 2019

- Built reusable Angular components, templates and web services for a responsive mobile-first dashboard to supply client advisors with full access to client data while traveling
- Created microservices in Spring Boot to retrieve and aggregate data from Salesforce using SOQL
- Expanded automated testing framework and filled gaps in BDD scripts using Selenium and Cucumber

Fullstack Academy

New York, NY

Teaching Fellow

June 2018 - August 2018

- Overlooked the progress of a group of 55 students throughout an immersive coding bootcamp
- Aided students in debugging projects and workshop assignments

Projects

Global State of Cyber | *October 2018* | <https://www.fullstackacademy.com/hacking-101>

An interactive video application and first part of Fullstack Academy's Hacking 101 course.

- Integrated YouTube videos and tracked user progress using react-youtube
- Collaborated with a teammate to develop the backend with Sequelize and PostgreSQL
- Developed the UI using Semantic UI React and CSS based on mock-ups provided by the project manager

Education

Fullstack Academy

New York, NY

Grace Hopper Program (Node.js, React.js, Redux.js, Express, Sequelize)

May, 2018

University of Maryland, College Park

College Park, MD

Bachelor of Arts in Economics

May, 2017