WEIWEI SHI

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EXPERIENCE

Engineer II/ I - American Express, New York, NY   2022 - Present
- Reduced 50% defects and 30% development efforts by refactoring code in 5 modules to separate market specific code from reusable common code
- Built and lead Credit Bureau feature and collaborated with product, backend, risk and TPDG teams
- Increased codebase test coverage from 30% to > 80% by writing example spec files, devised team test coverage standards and implemented systematic test coverage checks before each commit
- Secured login process by implementing new AuthBlue library and moved all shared test IDs to EPV(password management system), became subject matter expertise for all login issues

CodePath(iOS) - Queens College, iOS Development Course   2020 - 2021
- Utilized REST API calls and OAuth2 to recreate four iOS apps such as Twitter, Instagram etc.
- Collaborated in a team of three to create the EventsNearMe app that finds public events and allow users to post comments and likes for those events

Station Manager - Amtrak, Penn Station, NY   2017 - 2019
- Overseed the day to day activities of the Customer Service Department, and coordinated with other departments to handle service disruptions, delayed baggage, customer injuries etc.

Continuous Maintenance Planner - Amtrak, Sunnyside Yard, NY   2014 - 2017
- Auditing engine movements, ensuring material availability, developing and monitoring performance indicators and ensuring proper documentation of labor and materials.

SKILLS

Programming: Java, Spring Boot, C++, SQL, NoSQL, Python

Web Development: React, JavaScript, Next.js, HTML, CSS

App Development: XCode, Swift, CocoaPods

PROJECTS

Budget Tracking App (Next.js/Python) https://github.com/ForecastFrequencies   Present
- Coding a budget tracking app that compares planned budget vs already spent plus plan to spend
- Incorporating data from Clarity hub, NVision and Rally to calculate tables and display data as charts

Forecast Frequencies (React Native/Node.js) https://github.com/ForecastFrequencies   Fall 2023
- Developed a weather application that determines music playlists based on the user's local weather
- Integrated Spotify API and Visual Crossing Weather APIs with Express.js powering the back-end.

Flixster (Swift) https://github.com/wshi27/flixster   Fall 2021
- Developed iOS application in Xcode that displays movies in TableView and in CollectionView
- Integrated with CocoaPods to display movie posters

School Day (Java) https://github.com/wshi27/SchoolDay   Spring 2021
- Utilized java.net library to set up a Server that services requests from clients such as student class/instructor class, a separate thread is assigned to each client
- Eliminated critical section conflicts between 20+ threads

EDUCATION

Master of Arts in Computer Science - Queens College, City University of New York | *GPA: 3.86/4.00*

Bachelor of Business Administration in Finance - Bernard M. Baruch College | *GPA: 3.7 /4.00*