Zhiqiang Wang

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SKILLS

Java, React Native, ReactJS, JavaScript, Redux, CSS, HTML, Python, MySQL, MongoDB, Data Analysis

WORK EXPERIENCE

FDM Group, *IT Consultant*   02/2023 – present
- Work on various IT projects with a team of consultants and clients to deliver high-quality solutions

Spotlist Inc, *Software Engineer Intern*   01/2022 – 01/2023
- Developed new features for the iOS and Android apps while maintaining performance and stability
- Integrated the Stripe payment API with React Native to enhance user experience by providing secure and convenient in-app payment options
- Optimized overall performance by 25% using React Developer Tools and React Native Debugger to debug performance issues in the codebase
- Utilized Agile methodologies to streamline feature development and provide technical support, leading to efficient and effective progress

Envogue International, *Frontend Developer*   10/2022 – 10/2022
- Guaranteed production quality by consistently maintaining the same UI across the website, iOS, and Android platform
- Improved user experience with faster data retrieval through the implementation of GraphQL
- Optimized loading performance by 90% through the implementation of image caching using custom React hooks
- Achieved a 20% increase in efficiency for conducting unit and integration testing with Jest, identifying and resolving bugs, and documenting processes

CUNY Building Performance Lab, *Data Analyst Intern*   07/2021 – 08/2021
- Researched and applied statistical models to analyze energy consumption usage
- Led the effort to gain insights into energy consumption patterns through the implementation of changepoint algorithms using Python Ruptures, Prophet, and Bayesian Changepoint Detection
- Assisted in the development of strategic plans to reduce energy waste, resulting in a 5% decrease in energy consumption

EDUCATION

Master of Science in Data Science and Engineering,   06/2021
The City College of New York

Bachelor of Science in Mathematical Science,   05/2019
Binghamton University

PROJECTS

Reddit-Web
- Utilized technologies such as TypeScript, NextJS, GraphQL, AWS Amplify, and DynamoDB
- Implemented Server-Side Rendering, Static Site Regeneration, and Incremental Site Regeneration

Amazon Clone
- Built a responsive shopping website with NextJS and Tailwind CSS
- Implemented a webhook to connect Firebase and Stripe payment system
- Authenticated sign-in methods with NextAuth