Mingyi Pan

Frontend Developer

Mountain Lakes, New Jersey
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Passionate web developer.

3 years of web development.

2 years of React work experience.

Strong design, analytical and collaboration skills.

Outdoor enthusiast.

Self-motivated learner.

Key Skills

- Next.js
- React
- TypeScript
- JavaScript
- jQuery
- Node.js
- Python
- SQL

Professional Experience

● Frontend Developer

Freedom Robotics | February 2022 - Present

Collaborate with 3 frontend team members to develop and maintain a web application that provides intuitive user interface and data visualization for real-time device monitoring, automation and management across fleet of robots.

Develop and maintain Software Development Kit (SDK) packages that facilitate API interactions.

Collaborate with project manager and backend team to design and develop various new features in the web application.

Create and abstract reusable app and feature level React components, hooks, contexts.

Migrated web application from React to Next.js with TypeScript to improve overall application performance, scalability and development productivity.

● Web Designer

Freelance | September 2020 - September 2021

Designed and developed web applications for small local businesses.

● System Engineer

Consolidated Edison | November 2016 - February 2022

Reviewed and optimized PLC programs and SCADA sytem for steam pipelines underneath the streets of Manhattan.

Documented procedures, specifications, training instructions for various software and hardware.

Education

September 2012 - May 2016

Bachelor of Science in Mechanical Engineering (with Mathematics Minor)

University of Rochester

Languages

● ● ● ● ●
English

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Mandarin