

Mingyi Pan

Frontend Developer

Mountain Lakes, New Jersey
mingyi.pan.hi@gmail.com
(646) 668-0565
linkedin.com/in/mingyi-pan

- 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 system 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

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English

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Mandarin