

# Suning Yao

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📄 [github.com/fewwwwwww](https://github.com/fewwwwwww)

🌐 [suningyao.com](https://suningyao.com)

## EDUCATION

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**New York University**, Tandon School of Engineering

*New York, NY*

B.S. in Mathematics, Minor in Computer Science

*Sep 2020 — Dec 2023*

**GPA: 4.0/4.0**

## EXPERIENCES

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**Microsoft (AI & IoT Insider Labs)**

*Shanghai, China*

**Cloud Engineer Intern**

*Aug 2020 — Sep 2020*

- Utilized **Node.js** to build a plane ticket query API and created a web-based customer service bot with Microsoft Azure Bot Service
- Designed 3D printing models in **SolidWorks** to accelerate clients' prototype manufacturing
- Gained knowledge of cloud-based services, and earned **Microsoft Azure Fundamentals certification**

Technology: Microsoft Azure, C#, SolidWorks

## PROJECTS

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**Full Stack Development:** NYU alumni referral website

[violegacy.org](https://violegacy.org)

- Constructed **Vue** components and styled layouts with CSS to build responsive front-end pages
- Migrate the front-end to **React** and TailwindCSS by rewriting more than 20 components
- Built the instant messaging module with **Node.js** and Firebase to realize real-time chatting function
- Leverage development with Firebase **CI/CD** to achieve automatic delivery and deployment

Technology: React, Vue, Node.js, WebSocket, Firebase

**Full Stack and Embedded Development:** audio controlled digital buttons

[tinyurl.com/a47ez4kh](https://tinyurl.com/a47ez4kh)

- Built the official website for the product with HTML/CSS and Vanilla **JavaScript** to achieve the profitability
- Developed audio decoding module based on **STM32** microcontroller, and designed PCB for the hardware
- Developed **C#** application to achieve serial port connection between hardware and computer
- Funded by NYU Tandon and NYUSH for winning Tandon Made Challenge(1/60) and NYU InnoVention(1/120)

Technology: JavaScript, C, C#, Keil5, Altium Designer

## SKILLS

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**Programming** JavaScript · Python · C

**Web dev** React · Node.js · HTML · CSS · TypeScript

**Mobile dev** React Native · Swift · SwiftUI

**Tools** Git · Microsoft Azure · Jenkins