

Suning Yao

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EDUCATION

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

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

Full Stack Development: NYU alumni referral website

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

- 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 for winning 2020 Tandon Made Challenge and NYU InnoVention(1/60)

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

SKILLS

Programming JavaScript · Python · C

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

Mobile dev React Native · Swift · SwiftUI

Tools Git · Microsoft Azure · Jenkins