

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: 3.9/4.0

EXPERIENCES

Microsoft AI & IoT Insider Labs

Shanghai, China

Resident Software Engineer

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
- Operated 3D printers and designed models in **SolidWorks** to accelerate clients' prototype manufacturing
- Gained knowledge of cloud-based services, and earned **Microsoft Azure Fundamentals certification**

Technology: Microsoft Azure, Node.js, SolidWorks

PROJECTS

Full Stack Web Development: NYU alumni referral website (100+ active users)

violegacy.org

- Constructed **responsive** front-end components with **React** by designing mobile layout with Figma and CSS
- Built new feature allowing students to post customized referral wishes by adding **Vue** components
- Leveraged development with Firebase CI/CD to achieve automatic delivery and deployment

Technology: React, Vue, Firebase, Figma

Full Stack and Embedded Development: audio controlled digital buttons

tinyurl.com/a47ez4kh

- Built website for the product with HTML/CSS/**JavaScript** and **Node.js** for promoting to achieve profitability
- Developed audio decoding module based on **STM32** microcontroller, and designed PCB for the hardware
- Promoted by American Society of Mechanical Engineers and won 3 innovation competitions at NYU (1/180)

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

SKILLS

Programming JavaScript · Python · C · Java · Solidity

Front end React · Vue · HTML · CSS · TypeScript

Back end Node.js · Express · Spring · Spring Boot

Mobile dev React Native · Swift · SwiftUI

Tools Git · Figma · Microsoft Azure · Firebase · Jenkins

ACTIVITIES

Sports Chinese Bodybuilding Association certificated fitness coach

Music NetEase Cloud Music signed rapper (1.7 million play counts)