

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 mock 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** by passing Microsoft's official examination

Technology: Microsoft Azure, C#, SolidWorks

PROJECTS

Website Development: social networking website

<https://fewwww.github.io/Hiish>

- Utilized **React**, React Hooks and TailwindCSS to build responsive front-end pages
- Built the instant messaging module with **Node.js** and WebSocket to realize social networking website with real-time chatting function

Technology: React, Node.js, WebSocket

Embedded Development: audio controlled digital buttons

<https://tinyurl.com/y44p96kx>

- Developed audio decoding module based on STM32 microcontroller, and designed PCB for the hardware to build frequency recognition contactless digital button hardware
- Developed **C#** application to achieve serial port connection between hardware and computer
- Funded by NYU Tandon for winning 2020 Tandon Made Challenge (1/40)

Technology: 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