

# Suning Yao

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## 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 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**

Technology: Microsoft Azure, C#, SolidWorks

## PROJECTS

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**Website Development:** social networking website

<https://fewwwwwww.github.io/Hiiish>

- 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

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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