

Suning Yao

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EDUCATION

New York University, Tandon School of Engineering

New York, NY

Major: B.S. in Mathematics

Sep 2020 — May 2024

GPA: 4.0

SKILLS

Programming Python · C · Swift

Web dev HTML · CSS · JavaScript · React · Node.js · SwiftUI

Mobile dev React Native · SwiftUI

PROFESSIONAL EXPERIENCE

Microsoft

Shanghai, China

IoT Lab Intern — AI & IoT Insider Labs

Aug 2020 — Sep 2020

- Utilized Microsoft Azure Bot Service and Language Understanding to create a web-based customer service robot to analysis users' query and provide related services
- 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 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