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 JavaScript · Python · C · Swift

Web dev React · Node.js · HTML · CSS

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://fewwwww.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