Suning Yao

Email: sy2940@nyu.edu | Github: github.com/fewwwww

EDUCATION

New York University, Tandon School of Engineering   New York, NY

Major: B.S. in Mathematics   May 2024

GPA: 4.0

SKILLS

Programming   Python · C · Swift

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

PROFESSIONAL EXPERIENCE

Microsoft   Shanghai, China

IoT Lab Intern — AI & IoT Insider Labs   Aug 2020 — Sep 2020

· Designed 3D printing models in SolidWorks and produced models operating FDM and SLA 3D printers to accelerate clients' prototype manufacturing

· Utilized Microsoft Azure Bot Service and Language Understanding to create a web-based customer service robot to analysis users' query and communicate with users

· 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   Jan 2021 — Feb 2021

https://fewwwww.github.io/Hiish

· Utilized React, React Hooks and TailwindCSS to build responsive front-end pages including login, user profile, instant chatting and feed timeline, and finally realize social networking website with real-time chatting, pictures sharing, and feed posting components

· Built the instant messaging module with Node.js and WebSocket in the back-end, and used MongoDB to build the database for storing user information

Technology: React, Node.js, WebSocket

Embedded Development: audio controlled digital button hardware   May 2020 — Sep 2020

https://tinyurl.com/y44p96kx

· Developed audio decoding module based on STM32 microcontroller, and designed PCB for the hardware to build a frequency recognition contactless digital button hardware

· Developed application in Visual Studio to achieve serial port communication between the hardware and computer to accomplish data demonstration and data storage

· Funded by NYU Tandon for winning 2020 Tandon Made Challenge (1/40)

Technology: C, C#, Keil5, Altium Designer