Suning Yao

Front End & Blockchain developer · Open to relocate! · Pronoun: They/Them

318-295-9688 yaosuning@gmail.com github.com/fewwwww suningyao.com

EDUCATION

New York University   *Sep 2020 — Expected Dec 2023*

▸ B.S. in Mathematics, Minor in Computer Science

▸ GPA: 3.9/4.0

EXPERIENCES

UnionPay | *Software Developer Intern*   *Jun 2021 — Present*

▸ Constructed front end with **React**, wrote smart contracts with **Solidity**, and wrote a 6000 words detailed technical doc to realize a full stack NFT project that can upload then mint and store image NFTs

▸ Audit the smart contract to optimize the code vulnerabilities through local environment testing, and reduce the gas fee by modifying the contract objects' visibility and code structure

▸ Investigated into the development progress of Chinese CBDC, including operating organizations' child account push and UTXO expense strategy to wrote detailed technical documents

Microsoft AIoT Lab | *Resident Software Engineer*   *Aug 2020 — Sep 2020*

▸ Utilized **Node.js** to build a plane ticket query API and created a web-based customer service bot with Microsoft Azure Bot Service, and earned Microsoft Azure Fundamentals certification

▸ Operated 3D printers and designed models in SolidWorks to accelerate clients' prototype manufacturing

▸ Built 3D car models on web client with **Three.js** to showcase client's IoT prototype (hellcat.co)

PROJECTS

NYU referral website (100+ active users)   violegacy.org

▸ Leaded 10+ responsive **Vue** components design and development, and built new feature that allows students to post customized referral wishes, attracted 41% more users

▸ Parsed websites' favicons with **JavaScript** to automatically bind logos' sources in Vue for 70+ company pages

▸ Optimized page performance by 87% by code splitting in Vue router and chunk splitting in large JavaScript files

Audio controlled digital button kit   urth.ink

▸ Built website for the product with TailwindCSS, **JavaScript** and **Node.js** for promoting to achieve profitability

▸ Developed audio decoding chip module based on STM32 microcontroller, and designed PCB for the hardware

▸ Promoted by American Society of Mechanical Engineers, and won 3 competitions to be funded by NYU(1/180)

SKILLS

Programming   JavaScript · Python · Solidity

Front end   React · Vue · Three.js · Next.js · TypeScript · React Native · SwiftUI

Back end   Node.js · Express · Spring · Spring Boot · Linux

Tools   Git · Figma · Docker · Web3 · Ganache · Truffle

ACTIVITIES

Sports   Chinese Bodybuilding Association certificated fitness coach

Music   NetEase Cloud Music signed rapper (1.7 million play counts)