Suning Yao

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

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EDUCATION

New York University   *Sep 2020 — Expected Dec 2023*

‣ B.S. 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
‣ Audited 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

VioLegacy: 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

Shepard: Audio controlled IoT 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 · Rust
Front end	React · Vue · TypeScript · React Native · SwiftUI
Back end	Node.js · Express · Spring · Spring Boot · Linux
Libraries	Redux · Jest · Three.js · Next.js
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)