

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

NYU referral website (100+ active users)

violegacy.org

- ▶ Leded 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 · 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)