

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

Foresight Ventures | Blockchain Analyst Intern

Sep 2021 — Present

- ▶ Analyzed source code in **React** and **Rust** of [Dfinity](#) and Solana to produce technical documents on topics of **Serverless** architecture of applications and consensus protocol of blockchain networks
- ▶ Investigated Zero-knowledge proof and L2 DApp architecture of StarkWare to produce [technical document](#)

UnionPay | Software Developer Intern

Jun 2021 — Aug 2021

- ▶ 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, store, and transfer image NFTs
- ▶ Audited smart contracts and testing with **Jest** to optimize the code vulnerabilities and reduce the gas fee

PROJECTS

Microsoft AIoT Lab: cloud projects (Resident Software Engineer at Microsoft)

urth.ink

- ▶ Utilized **Node.js** to build full stack customer service bot, and earned Microsoft Azure Fundamentals certification
- ▶ Constructed 3D car models on web client with **Three.js** to showcase client's IoT prototype (<https://hellcat.co>)
- ▶ Promoted by American Society of Mechanical Engineers, and won 3 competitions to be funded by NYU(1/180)

WeLightOS: blockchain operating system web app

os.doge.university

- ▶ Styled **React** components with **TailwindCSS** to build a Ubuntu-like web app bridging developer tools for blockchain development with iframe, and add authentication methods including MetaMask and GitHub
- ▶ Built a Markdown editor desktop app with **Electron** and **React** to enrich the developer tools' ecosystem

VioLegacy: NYU career networking website (100+ active users)

violegacy.org

- ▶ Built **Vue** components to add new feature allows customized referral wishes posting, attracted 41% more users
- ▶ Optimized page performance by 87% by code splitting in Vue router and applying chunk splitting in **Webpack**

SKILLS

Programming JavaScript · Python · C++ · Solidity · Rust

Front end React · Vue · TypeScript · Electron · 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)