

# Suning Yao

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

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📄 sny.is

## 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, store, and transfer image NFTs
- ▶ Audited smart contracts and testing with **Jest** to optimize the code vulnerabilities and reduce the gas fee
- ▶ Investigated into Chinese CBDC on account push and UTXO expense strategy to write technical documents

## PROJECTS

### Microsoft AIoT Lab: IoT and cloud projects

[urth.ink](#)

- ▶ Utilized **Node.js** to build full stack customer service bot, and earned Microsoft Azure Fundamentals certification
- ▶ Built website for IoT product with TailwindCSS, **JavaScript** and **Node.js** for promoting to achieve profitability
- ▶ Constructed 3D car models on web client with **Three.js** to showcase client's IoT prototype (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

[repo](#)

- ▶ Styled **React** components to build a Ubuntu-like web app bridging developer tools for blockchain development
- ▶ Added window resizing and window dragging feature for applications to the OS, using event handlers in React

### VioLegacy: NYU career networking website

[violegacy.org](#)

- ▶ Led 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

## 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)