Suning Yao (msfew)

917-346-0350   yaosuning@gmail.com   github.com/fewwwww   sny.is

EDUCATION

New York University   *Sep 2020 — Expected Dec 2023*

▸ B.S. in Computer Science, GPA: 3.743/4.0

▸ Achieved Dean's List honors for two academic years

EXPERIENCES

Hyper Oracle | Research Engineer (Founding Team, Invested by Sequoia China)   *Sep 2022 — Present*

▸ Research: Authored whitepaper and researches about zkWASM and zkPoS, and co-authored ERC-6150

▸ Develop: Built zkGraph Template and Library with bytecode-level optimized AssemblyScript data structure

▸ Product: Leaded early stage products mechanism, tokenomics design, and ZK solution selection

Google | Software Engineer Intern (Core ML at Sunnyvale)   *May 2023 — Aug 2023*

▸ Develop: Built peer assisted hash map library with C++ and gRPC to scale ML model such as LLM on cloud

Foresight Ventures | Crypto Researcher   *Sep 2021 — Nov 2022*

▸ Research: Leaded technical research (~80% of all published research), including Crypto Chronicle, zkVM, Rollups, Modular Blockchains, MEV, and ~20 more, increased accounts' followers by 25x (400 to 10000)

Google | Software Engineer Intern (Geo at Mountain View, STEP Program)   *May 2022 — Aug 2022*

▸ Develop: Used C++ and S2Geometry to add labeled, and rendered segments to map layers of maps infra

UnionPay | Blockchain Researcher Intern (Fintech Research Division)   *Jun 2021 — Aug 2021*

▸ Research: Investigated into Chinese CBDC on UTXO spending strategy of digital wallets to produce documents

SELECTED WORKS

Awesome Uniswap Hooks. Included in ***Uniswap v4 Documentation***. ***100+ Stars***.

Towards World Supercomputer. Published in ***Stanford Blockchain Review***.

ERC-6150: Hierarchical NFTs. Published in ***Ethereum Improvement Proposals***.

Hyper Oracle: A Programmable zkOracle Network.

Crypto Visions (1997 - 2022).

ACTIVITIES

Hackathon Chinese Blockchain Development National Second Prize, and 7 more hackathon awards

Sports Chinese Bodybuilding Association certificated fitness coach

Music NetEase Cloud Music signed rapper (2 million play counts)