

Yifan Wang (PlanD)

1999.06

Email: importwyf@gmail.com

Mobile: (+86)136-8357-8362

EDUCATION

- **Tsinghua University** Sep 2017 – Jun 2021
Bachelor of Automation Engineering, Minor in Data Science Beijing, China
 - **GPA:** 3.81/4.00 (Rank 20/180 in college)
 - **Scholarship:** Tsinghua Academic Excellence Award (Awarded to top 10% students).
 - **Coursework:**
 - * Mathematics (Linear Algebra, Calculus, Probability Theory, Cryptography): All **A or A+** grade.
 - * Computer Science (Machine Learning, Computer Vision, Natural Language Processing): All **A or A-** grade.
 - * Circuits and Systems (Digital Electronics, Hardware Designing, Signal and Systems): All **A or A-** grade.
- **Tsinghua University** Sep 2021 – Jun 2024
Master of Automation Engineering Beijing, China
 - **Research Direction:** Zero-Knowledge Proof for validating the integrity of Machine Learning models.
 - **Published Paper:** Second author of CVPR 2022 conference paper: [Back to Reality \(Code Link\)](#).

SKILLS

- **Programming skills** Sep 2019 – Now
 - **Excel in Python:** Excel in data crawling & analysis and familiar with the data science related python packages.
 - **Proficient in Machine Learning:** Skilled in using machine learning & deep learning models with PyTorch.
 - **Proficient in Programming:** Skilled in using **C++**, **NodeJS & TS**, **Rust** to solve algorithmic problems.
 - **Development Tools:** Skilled in using **Bash & Git** for code management and **ChatGPT 4** to enhance efficiency.
- **Web3 & Crypto skills** Jan 2021 – Now
 - **Smart Contract Languages:** Proficient in Solidity, Rust, Move, and TEAL to develop contracts on various public chains such as EVM, Solana, Aptos/Sui, Algorand, with extensive experience in large-scale project development.
 - **Proficient in Web3 research:** Decentralized Finance, Infrastructure, Layer-1 and Layer-2 blockchains.
 - **Proficient in ZKP:** ZK-SNARK principle & its underlying mathematical basis (cryptography & abstract algebra).

INTERNSHIP EXPERIENCE

- **LinkedSee** Sep 2020 – Oct 2021
Data scientist - AI Operation Team Beijing, China
 - Developed machine learning models for anomaly detection in AIOps(Artificial Intelligence for IT Operations).
- **Microsoft Resaerch (MSRA)** Sep 2022 – Dec 2022
Python developer - Scientific Computing Team Beijing, China
 - Assisted in building DFT (Density-Functional Theory) algorithms for calculating protein molecular structure.
- **Obsidian Labs** Nov 2021 – Aug 2023
Smart contract developer Shenzhen, China / Remote
 - **Individually developed four versions of smart contracts** for cross-chain bridge [MesonFi](#) on various blockchains, including [Algorand](#), [Aptos](#), [Sui](#) and [Solana-Rust](#). This process **spanned over a year**.
 - **Assisted in** developing [Solidity](#) smart contract, which is already deployed on 10+ EVM chains.

Data scientist Shenzhen, China / Remote

 - Constructed cross-chain bridges' data dashboard on Dune, [Footprint](#) and [Sentio](#) using SQL.
 - Wrote 5+ articles about blockchain research on [Mirror](#), [Medium](#) and [TechFlow](#) (Web3 forums and medias).

- **Infinity Ventures Crypto**

Feb 2023 – Now

Research analyst

Shanghai, China / Remote

- Researched and evaluated seed-stage projects across various Web3 subdomains, mainly focusing on ZK-Layer2, LSD, Privacy, and Ethereum Infrastructure. Independently produced over [40+ analytical reports](#).

EXTRACURRICULAR ACTIVITIES

- **Desk4US Public Welfare Project**

Mar 2020 – Sep 2020

Co-founder, Technical Team Leader

Remote

- Led a team of 100 students to help Wuhan K12 students receive online tutoring during COVID-19.
- Matched 1k volunteers with 1k K12 students for one-on-one teaching using OR (Operation Research) algorithm.

- **WTF Academy**

Jun 2022 – Sep 2022

Core programmer

Remote

- Produced 10+ sets of tests for [WTF-Solidity](#), a 8k+ star tutorial for Web3-development beginners on Github.