






JIMMY TAN ZHI XUAN

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Summary

Computer Science graduate specializing in Artificial Intelligence with extensive experience as an active Web3 developer. Achieved **28+ wins** in leading global blockchain ecosystem hackathons. Contributed to open-source projects and proficient in modern Web3 technology stacks while leveraging AI tools to accelerate development workflows. Expert in rapid prototyping and shipping production-ready solutions within highly collaborative and remote environments. Demonstrates fast learning, adaptability to emerging Web3 technologies, and a creative, experimental approach to problem-solving and product design. Skilled at delivering clear, visually engaging presentations and demos of products and complex concepts.

Projects and Achievements

HyperAgile: Tokenized Warehouse Robotic Automation

- IOTA Moveathon APAC 2025 – 1st Place (Best Showcase)
- IOTA Moveathon APAC 2025 – 1st Place (Global Trade)
- Hedera Hello Future 2.0 2025 – 1st Place (Tokenized Assets)
- Hedera Hello Future 2.0 2025 – 3rd Place (Hashgraph Advanced)
- Polkadot Global Hackathon 2025 – 3rd Place (Open Topic)
- Polkadot Global Hackathon 2025 – Best College Student Dev
- QuickNode Build On 2024 – 1st Place (QuickNode Functions)
- QuickNode Build On 2024 – 1st Place (Best Overall)
- ETHGlobal Bangkok 2024 – 1st Place (Best Storacha Solution)
- Aptos Code Collision 2024 – 5th Place (Unexpected Track)
- Based Around the World (APAC) 2024 – Top 10 Winner

Blend: 3D Face Reconstruction Engine

- Taraxa TinkerFest 2024 – 3rd Place (AI)
- Polkadot Winter Edition 2023 – 3rd Place (Ecosystem Dev Tools)
- Polkadot Winter Edition 2023 – Best College Student Dev
- MultiversX Global Virtual Hackathon 2023 – 2nd Place (AI)

Emissary: DAO Treasury Management

- ETH Toronto Hackathon 2023 – 1st Place (XDC Track)
- Polkadot Global Series APAC 2023 – 2nd Place (Mass Adoption)

Discuss AI: Agent-Led Discussion

- ETH Global Taipei 2025 - 1st Place (ENS)

PocketBoard: Multichain Freelance Platform

- Polkadot Global Series North America 2024 - 1st Place

VoiceCard: AI Voiceover NFT

- Move On Aptos 2024 - 3rd Place (AI for Content Creation)

FlowCapture: DAO Voting Platform

- Chainlink Spring23 - 2nd Place

IPFS Blog Engine: Markdown to Blog on IPFS

- Bitcoin L2 Rollathon 2022: 1st Place (FIL Storage Wizard)

Open Source Contributions

Pinata Integration for LangChain JS

- Built 8 tool classes for Pinata SDK integration on LangChain JS, enabling AI agents to manage files (upload, query, delete) on IPFS, and organize them through group management (create, delete, update, list).

IPFS Plugin for WordPress

- Won FIL Singapore Web3 Infinity Hackathon 2022 - 2nd Place
- Received Filecoin Development Grant

Technical Skills

Programming Languages: Javascript, Typescript, Solidity, Cadence, Python, MATLAB, Java (Basic), C (Basic), Move (Basic)

AI and Vibe Coding Tools: ChatGPT, Claude, GitHub Copilot, DeepSeek, Cursor (Basic), LangChain, CrewAI, OpenAI, Stability AI, ElevenLabs, RunwayML

Frameworks and Libraries: React, Next.js, Tailwind CSS, Wagmi, Viem, Ethers, RainbowKit, ENS, Sign Protocol, World Mini Kit, Chainlink, Pinata, Storacha, WordPress

Web3 & Blockchain SDKs: Circle CCTP, Polkadot JS, QuickNode (Functions & Stream), Alchemy

Infrastructure: Firebase (Realtime & Firestore), AWS (EC2, S3), Vercel, Redis, Git, VS Code

Design and Presentation: Figma, Adobe Photoshop, Adobe Premiere Pro, PowerPoint (visual transitions)

EDUCATION

Bachelor of Science (Hons) – Computer Science & Artificial Intelligence

Sep 2021- June 2024

First Class Honours

University of Nottingham Malaysia