MARCUS TAN CHI YAU

COMPUTER SCIENCE GRADUATE (AI & CYBERSECURITY MAJOR)

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AREA OF EXPERTISE

Artificial Intelligence (AI)	Full-Stack Development	AI Agent Development
Blockchain & Web3 Development	UI/UX	Python

KEY ACHIEVEMENTS

- **1st Place & 4 Tracks Winner | BUIDL AI Hackathon 2025 (Seoul):** Champion in international hackathon for "CureMeBaby", an AI-driven, privacy-first mental health assistant. Also won four separate sponsor tracks. The platform ensures complete privacy via Trusted Execution Environment, uses Gensyn Swarm for adaptive AI learning, and NEAR smart contracts for secure, decentralized access.

- **1st Place, Celo Track & Finalist | TOKEN2049 Origins Hackathon 2025 (Singapore) :** Selected from 800+ applicants globally, with only 160 invited to compete at Asia's largest crypto hackathon. Top 5 Finalist overall and 1st Place in the Celo Track for "LeftAI", an AI-powered Celo MiniPay MiniApp enabling natural language crypto transactions with confidential AI processing and secure on-chain execution.

- **1st Place, Flow & Hedera Track | ETHGlobal India 2025:** Won among 1,600 hackers from 25 countries at one of ETHGlobal's largest events for "Dhal Way", a universal cross-chain payment protocol enabling users to pay with any combination of tokens on any chain while merchants receive in their preferred combination of token and chain, executed through a single on-chain intent.

- **1st Place, Flow Track | ETHGlobal Agentic 2025:** Won among 1,700+ hackers for "4AI 1Human", a platform using AI agents to automate smart contract creation and execution via natural language. The system features four specialized agents handling everything from contract generation to verification and secure deployment.

- **3rd Place, Aptos Track | Consensus Hong Kong Hackathon 2025:** Placed 3rd among 500+ hackers from top universities (Tsinghua, Yale, Oxford) for "Grand Theft Aptos", an AI-powered blockchain simulation game with dynamic, personality-driven NPCs. Players interact with AI agents modeled from real Twitter accounts, creating unpredictable, lifelike gameplay on-chain.

- **1st Place, AI Track & Finalist | ETHTokyo 2025:** Won 1st Place in Actually Intelligent Track & Finalist for "Toku Kaigan", an anime-style AI psychiatrist that provides adaptive mental wellness support through interactive 3D character therapy and daily manga-style progress visualization. The system dynamically generates personalized story panels reflecting emotional growth, blending AI empathy with gamified storytelling to make mental health care engaging and relatable.

- **2nd Place, 1inch Fusion+ Track | ETHGlobal Taipei 2025:** Won 2nd place for "Memest Cutest Platform," a gamified, cross-app Model Context Protocol (MCP) platform that unifies Web2 and Web3 services into one visual workflow. It allows users to securely link MetaMask, Uniswap, Gmail, and Google Sheets through drag-and-drop automations in a 3D Next.js/Three.js interface.

- **1st Place | ImagineHack 2025 (Malaysia) :** 1st place out of 170+ hackers from 23 countries & 17 universities. Built Tea Time, an AI news platform with bias detection, sentiment analysis, and contextual summaries. Features include real-time misinformation alerts, secure user accounts, and a Chrome extension for seamless access.

- **Finalist & 4 Tracks Winner | ETHKL 2024 (Kuala Lumpur):** Placed among Top 5 teams for JustETH, a food rating dApp using AI and blockchain. It features sentiment-based review scoring and dynamic voting power based on spending, preferences, and user reliability; also won four sponsor prizes including ICP-Ethereum Fusion and WorldID.

PROFESSIONAL EXPERIENCE

Tech Generalist Intern | ALPHV Technologies   **Jan 2025 - Apr 2025**
- Pioneered and delivered a tested automation framework prototype, establishing a viable technical solution for the client's document processing requirements.
- Conducted and documented strategic research on the technical and operational requirements for implementing a secure, in-house LLM.
- Oversaw website maintenance for Jobs By Developer Kaki, including regular system monitoring and providing feedback for continuous improvement.

Math Tuition Teacher | A+ Home Tuition Malaysia (Part-time)   **Mar 2024 - Mar 2025**
- Delivered personalized SPM mathematics tutoring, creating tailored lesson plans to strengthen student problem-solving abilities and achieve target grades.

EDUCATION

Bachelor of Computer Science | Taylor's University   **Aug 2022 - Aug 2025**
Specialization: Cyber Security & Artificial Intelligence (AI)
- Grade: CGPA 3.83/4.00
- Awards: Dean's List Award
- Activities: Taylor's Blockchain Club, Taylor's Christian Fellowship

Foundation in Computer Science | Taylor's College   **Jun 2021 - Aug 2022**
- Grade: CGPA 3.93/4.00
- Awards: Dean's List Award, Taylor's College Top Achiever's (TCTA) Award

ADDITIONAL INFORMATION

- **Languages:** English, Mandarin, Malay
- **Leadership & Activities:** Team leader for many coursework assignments, Logistics Head @Taylor's Blockchain Club