Eason Lim Yi Hong

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A versatile engineer with a diverse technical background, including Web3 and DevOps. Known for adaptability and a passion for continuous learning, I thrive in problem-solving and collaborative environments. Actively engaged in tech events and speaking engagements to drive innovation and share valuable insights.

Education

Bachelor of Software Engineering (Hons)   *Sept 23' – Aug 25'*
Lancaster University | Sunway University   *CGPA: 3.56*
  Capstone: AI-powered Note-Taking App   *Django · NLP · Machine Learning*
- Automatically generates fine-tuned notes from lecture videos and text-based inputs.
- Utilized NLP and reinforcement learning for content summarization and note improvement.

Diploma in Information Technology   *Aug 21' – Aug 23'*
Sunway College   *CGPA: 3.98*
  Capstone: Gamified Habit Tracker   *PHP · JavaScript · MySQL*
- Implemented game-like features to increase long-term retention and user engagement.
- Integrated a Tamagotchi-inspired virtual pet system to motivate users in building habits.

Experience

CoinGecko

Product Manager (Internship)   *Jan – Present*
- Focus on optimizing CoinGecko API and developer tools.
- Bridge the gap between business stakeholders and engineering teams.

42 – Coding School

Cadet   *Feb 24' – Present*
C · Shell Scripting · Linux
- Practical experience in low-level programming and system architecture through project-based learning.
- Collaborated in a peer-to-peer environment, building projects without standard libraries.

Pisciner   *Jan 24'*
  Completed a month-long coding boot camp focused on C programming.

Fusionex Group – Software House

Back-end Developer (Internship)   *Jun – Aug 23'*
PHP · Laravel Lumen · Azure DevOps
- Developed RESTful APIs to enhance communication between web and mobile platforms.
- Delivered feature-specific modules to improve client reservation systems.
- Optimized SQL views, enhancing the overall product performance.

Huawei

Sales Executive   *May 21' – Present*
- Achieved 120% of the annual sales target, generating MYR 300k in revenue for 2022.
- Strengthened brand partnerships, enhanced company reputation and market presence.

Sunway Tech Club (STC)

Advisor   *Mar 24' – Present*
  Mentored the executive board and committees by providing strategic guidance and support.

Head of Marketing Department   *Apr 23 – Mar 24'*
- Led a team of over 10 to strategize and execute marketing initiatives.
- Secured event collaborations, enhancing the club's visibility and engagement.

Honors & Awards

ETHGlobal Bangkok 2024 *Nov 24'*
Global Ethereum Hackathon

- Built a DAO-like education platform enabling community governance through pool-staking.
- Awarded Pool Prize by **World** for **Decademy**, promoting learner-driven education.

ETHGlobal Singapore 2024 *Sept 24'*
Global Ethereum Hackathon

- Secured the following prizes:
  - **Best Consumer Application** @ *Sign Protocol*
  - **Pool Prize** @ *Worldcoin*
- Developed **DecenTRUST** to utilize on-chain skill verification through merit-based assessments.

Sunway's iLabs – Make It Challenge 2024 *Jun 24'*
Web3 x Net-Zero – Solana Hackathon

- Awarded **First Runner-Up** and **Best Prototype**
- Built **Voltio** for fractionalized clean energy investments via NFTs.
- Enabled users to earn sustainable returns via tokenized solar projects.

Jeffrey Cheah Foundation Scholarship *Aug 21', Sept 23'*
Issued by Jeffrey Cheah Foundation (JCF)

- Awarded full scholarships for:
  - **Bachelor of Software Engineering (Hons)** @ *Lancaster University | Sunway University*
  - **Diploma in Information Technology** @ *Sunway College*
- Recognized for academic excellence and leadership qualities in both instances.

Volunteer Work

Ethereum Kuala Lumpur 2024 (ETHKL) *Crew · Hackathon*
Malaysia's Largest Ethereum Community

- Managed event logistics and supported participants during the hackathon.
- Assisted in organizing workshops and networking sessions.

42 x Fugee School – Pygame *Tech Lead · Workshop*
Game Development with 42

- Conducted a Python workshop for refugee students, teaching basic game development.
- Guided students in creating their own games using Pygame.

Project ElderCare *Lead · Veteran Support*
Community Service

- Led a team of volunteers in organizing activities for elderlies.
- Raised funds through charity events to support the veterans' welfare.

From Solo to Team Project *Speaker · Workshop*
DevOps with STC

- Presented DevOps basics and best practices to 130+ participants.
- Focused on Git version control and CI/CD pipelines.

Google DevFest KL 2022 *Emcee · Event*
Malaysia's Google Developer Network

- Hosted 500+ attendees, introducing speakers and managing event flow.
- Facilitated networking sessions to enhance participant engagement.

Projects

Decademy   *Ethereum · Education*
Community-driven education platform   *Next · Solidity · Hardhat · Bun*

- Empowers learners to shape education trends through **pool-staking** governance.
- Built on **Scroll Network** using ZK-rollups for scalability.
- Utilized **The Graph** for indexing on-chain data for real-time educational trends.

DecenTRUST   *Ethereum · Recruitment*
Bringing recruitment to the blockchain   *Next · Solidity · Foundry*

- Focused on creating an anti-discriminatory recruitment process using merit-based assessments.
- Built on **Linea** network with **Dynamic** for seamless user authentication.
- Leveraging **Worldcoin** for human verification and **Sign Protocol** to attest assessment results.

Voltio   *Solana · NFT*
Fractionalized clean energy investments   *Anchor · Rust · React*

- Enables fractionalized investments in solar energy projects through **tokenized assets**.
- Offering returns in native tokens as ROI for investors.

Ruma   *Solana · NFT*
Event hosting with NFT   *Next · Anchor · Rust*

- Host events directly on-chain.
- Enable attendees to mint NFTs as memories.
- Streamline authentication with NFT-based badges.

Shukan   *Android · Mobile*
Minimalist habit tracker   *Kotlin · Jetpack Compose · Room*

- Achieved recognition with **more than 60 stars** on GitHub for its simplicity and usability.
- Enables users to track and maintain habit streaks, with progress visualized.
- Built using **Coroutines** for asynchronous tasks and follows **MVVM** architecture.

Piksel Bros.   *Platformer · Game*
Pixelated 2D adventure   *Pygame · Python · Makefile*

- Created a 2D platformer with level editor and custom sprites.
- Developed a **custom physics engine** to facilitate dynamic character movement.

Renew   *Custom Framework*
Marketplace for circular economy   *PHP · JavaScript · MySQL*

- A sustainable marketplace for recycling items, and showcasing upcycled products.
- Built an **MVC framework** from scratch to improve reusability.
- Incorporated a router and view manager, enabling dynamic content rendering.

42-libft   *Data Structures · Algorithms*
Custom C library   *C · Makefile*

- Developed a custom C library from scratch for 42's curriculum.
- Implemented Makefile for compilation and unit testing of functions.