



## “Holloway” Chew, Kean Ho – Dare to Achieve

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<https://www.hollowaykeanho.com>

### Summary

A proactive, data-driven, and all-rounder contributor with 7-years of delivering customer-oriented enterprise IT infrastructure and services. Also a BEM-certified Mechatronics Engineer with at least 10 years of experiences on computing hardware and agile back-end and front-end software development. Possesses unique fast-learning abilities, an active US B1-Visa and currently working on ZORALab's Hestia Project to secure his enterprise's software supply chain.

### Work Experiences

#### ***Multirole Founder*** – ZORALab Enterprise, Malaysia (December 2016 – present)

1. **Currently actively managing at least 2 SMEs** technological requirements by providing next-day tech-ready service.
2. Continuously developing ZORALab's in-house products for mitigating threats:
  - **ZORALab's Hestia** – An open-source frontend+backend in One Peaceful Suite primarily focus on providing decentralized PWA+WASM with Go and Nim; AND
  - **ZORALab's Monteur** – An open-source decentralized CI automation DevOps and Kaizen tool; AND
  - **ZORALab's Legal** – A continuously improved business legal document templates; AND
  - **ZORALab's Salut** – Our proprietary enterprise IT cloud and endpoints services.
3. **Accumulated at least 25 bona-fide testimonials** from customers.
4. Successfully **mitigated from suppliers' supply chain threat in less than 1 month**.
5. **Rescued a firm from a vendor's mercenary practices** that threatened to stop their business during the 2021 COVID19 Lockdown over the weekend **in less than 1 month with enterprise IT system and data restoration on weekend**, and **mentored 6 of their staff simultaneously** so they **can continue regular business operation on Monday**.
6. **Published 20 papers to Zenodo and ResearchGate** open-science data repository.

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#### ***Device Driver Engineer*** – Intel Corporation, Malaysia (2012 – 2015)

1. Developed multiple IO drivers (SD, eMMC, PWM, GPIO, I2C, HSUART) for both Windows and Linux kernels in less than 3 months.
2. Reduced departmental equipment cost from purchasing resources of MYR5k to MYR2.4k via smartly sourcing computer interfacing capable digital instrumentation.
3. Submitted 2 research papers and 2 patent ideas for my team.
4. **Second-in-Chief for organizing 2013 Intel Global SWPC conference** where the project executed on-time (not overrun) and saved ~MYR3k total project budget.
5. **Intel Volunteer for SJKC Chong Cheng Robotic Club, Penang** – startup and established club organization; developed administrations and self-sustaining management processes; and mentored their 2 teams to won 2nd place in district level competition.



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### Certifications & Known Achievements

- [\*Holloway's Upscaler – A localized Image & Video AI Upscaling Program \(2023\)\*](#)
- [\*Google Cloud Platform Hands-On participation \(2021\)\*](#)
- [\*Malaysia's Food Handling Certification \(2020\)\*](#)
- [\*Board of Engineers' Graduate Engineer Certification – Mechatronics Discipline \(2019\)\*](#)
- [\*Google Online Marketing Fundamentals participation \(2017\)\*](#)
- [\*Google Cloud OnBoard participation \(2017\)\*](#)
- [\*Mastercard Masters of Code Achievers Singapore + Global \(2015\)\*](#)
- [\*Appreciation for co-organized Intel Global Internal SWPC \(2013\)\*](#)
- [\*Receiver of IEEE CAS Innovation award \(2013\)\*](#)
- [\*Certified Green computing specialist \(2012\)\*](#)

### Educations

First-Class Honours Bachelor of Mechatronics Engineering from [\*Asia Pacific University of Technology and Innovation\*](#) and [\*Staffordshire University\*](#) (2012)

### Industries

Software; Engineering (Electrics and Electronics); Horticulture (Aspiring)

### Technical Knowledge

Languages: *Go, Rust, BASH, POSIX SHELL, HTML, CSS, Javascript, C, Python, Lua, Ruby*

Frameworks: *Gorilla, Hugo, PWA, WASM, Django (former), Sinatra (former), Ruby on Rails (former)*

Back-end: *Kubernetes, Nginx, Stripe, QEMU, Terraform (former), Paypal (former)*

Graphics & Media: *GIMP, Inkscape, Shotcut*

Office: *LibreOffice, Tesseract OCR + NormCap, GNUCash, Google Workspace Administrator/Root-Level Technical Manager, Wave Accounting (former), Microsoft Office (former)*

AI: *ChatGPT (applied), DALL·E 2 (applied), Stable Diffusion (applied)*

Databases: *PostgreSQL, SQLite, QL, KV, NoDB, Google Firebase, Google Cloud Storage, Google Spanner, Google BigQuery, MongoDB, MariaDB, MySQL*

Operating System: *Tiny + Hardened Debian Linux, Windows 11, MacOS (former)*

Tools: *Git, Kubernetes, AppImage, ZORALab's Monteur, Github, GitLab CI (former)*

Practices: *Test-driven development, continuous improvement, dev-ops, semi-automatic automation, SCRUM x Kanban, Kaizen, scientific research approach, data-driven approach*

### References For Authenticity Verifications

Ang Shiau Wen – *Close friend*

Chew, Chiau Ee – *Mentor and Senior in Intel*

Lily Liew – *ZORALab's customer*