

CHAN QING YEE

AI Solutions Engineer | AI Systems Integration

Phone: +60 13-733 9035 | Email: gingyee0219@gmail.com

LinkedIn: [linkedin.com/in/chanqingyee](https://www.linkedin.com/in/chanqingyee) | GitHub: github.com/currylaksa | Portfolio: gingyee.my

SUMMARY

Computer Science graduate (Universiti Teknologi Malaysia, CGPA 3.90, July 2026) with AI systems integration, full-stack engineering, and secure cloud deployment. Built and deployed production-grade AI-integrated applications, including an award-winning Zero-Trust examination platform with a machine-learning risk-scoring microservice. Passionate about delivering AI-powered solutions from architecture to production deployment.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Swift, Java, C++, SQL

Frameworks and Libraries: Node.js, Express, React 19, Vite, Next.js, Flask, Selenium, Pandas

Cloud and DevOps: DigitalOcean, Nginx, PM2, Linux, Git, GitHub, Continuous Integration

Databases: MySQL, Firebase

AI and Machine Learning: Isolation Forest anomaly detection, behavioral risk scoring, applied machine learning for security monitoring

PROFESSIONAL EXPERIENCE

Huawei Technologies (Malaysia) Sdn. Bhd. - Project Engineer Intern

Sep 2025 – Feb 2026

- Developed and deployed 5 process automation tools using Python (Selenium, Pandas) and PowerShell, cutting daily reporting time from 15 minutes to 1 minute, a 93% reduction
- Supported delivery coordination for Malaysia's U Mobile 5G Network Upgrade across 100+ subcontractor teams

PROJECTS

SecureExam - Zero-Trust Secure Online Examination System (Final Year Project)

DIGITEX 2026 Silver Medal

- Built a full-stack examination platform (approximately 8,100 lines of code) with Node.js, Express, React 19, and Vite, featuring browser lockdown, server-side tamper auditing, 4 user roles, and a 6-state lifecycle engine
- Designed a machine learning behavioral risk-scoring microservice (Python, Flask) using Isolation Forest anomaly detection, integrated across 26 mapped security controls and 35 Application Programming Interface (API) endpoints
- Implemented real-time monitoring with automated out-of-band alerts across 6 trigger points, cron-based session sweeping, and score-nullification flagging
- Deployed to production on DigitalOcean (Singapore region) with Nginx, TLS/SSL certificates, and PM2 process management

DuoDrop - Encrypted Peer-to-Peer File Transfer (Personal Project)

- Built a WebRTC peer-to-peer file transfer Progressive Web App (PWA) with libsodium end-to-end encryption (XChaCha20-Poly1305) and zero server-side persistence

macOS Menu-Bar Utilities - Swift (Personal Projects)

- Built native, zero-dependency Swift menu-bar applications, including a live session usage tracker and a lightweight system memory monitor

ACHIEVEMENTS

- DIGITEX 2026 Silver Medal, Grand Finale (Johor Bahru, June 2026) for SecureExam UTM
- UTM Hackathon Champion 2025 - DevBoost AI, an emotion-sensing AI onboarding platform
- UM Hackathon Finalist 2025 - ZakatGo, a blockchain-integrated automated payment platform

EDUCATION

Universiti Teknologi Malaysia, Johor Bahru

Oct 2022 - Jul 2026

Bachelor of Computer Science (Computer Network and Security) with Honours | CGPA: 3.90 / 4.00

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate | Google Cybersecurity Professional Certificate | Cisco CCNA: DevNet Associate | Cisco CCNA: Enterprise Networking, Security, and Automation | Cisco CCNA: Switching, Routing and Wireless Essentials

LANGUAGES

Mandarin (Native) | English (Fluent) | Malay (Fluent)