

CHOONG JUN CHENG

Computer Science Undergraduate | Backend / Full-Stack Internship Target (Sep 2026)

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PROFILE

Computer Science undergraduate at UOW Malaysia KDU, graduating in December 2026 and seeking a backend or full-stack software development internship starting September 2026. Experienced with Python, FastAPI, React/Next.js, SQL databases, and RAG-based search systems. Currently building an industry-linked enterprise search copilot with Centific using LangChain, Azure OpenAI, Azure AI Search, and role-based document retrieval.

TECHNICAL SKILLS

Languages	Python, JavaScript/TypeScript, SQL, Java, C++, Kotlin, HTML/CSS
Backend, AI & Data	FastAPI, SQLAlchemy, LangChain, ChromaDB, SQLite, MySQL, Microsoft SQL Server
Frontend & Tools	React, Next.js, Tailwind CSS, WordPress, Git/GitHub, VS Code

PROJECTS

Searchable RAG Copilot - Industry FYP with Centific | *In progress* | Target Aug 2026 - Python, FastAPI, LangChain, Azure OpenAI, Azure AI Search, ChromaDB | GitHub: [Jameschoong7/searchable-rag-copilot-system](https://github.com/Jameschoong7/searchable-rag-copilot-system)

- Building an enterprise search API that retrieves relevant document chunks and returns cited, grounded answers through web and Microsoft Teams-style interfaces.
- Designed a local-to-cloud architecture using Ollama/ChromaDB locally and Azure OpenAI/Azure AI Search for production mapping.
- Modelled role-based document access so users only retrieve knowledge-base files allowed for their department or role.

Job Tracker | *Completed locally* - Next.js, React, TypeScript, FastAPI, SQLAlchemy, SQLite | GitHub: [Jameschoong7/job-trackers](https://github.com/Jameschoong7/job-trackers)

- Built a full-stack CRUD tool to manage internship applications, status filters, follow-up dates, notes, detail views, and dashboard summary counts.
- Separated frontend, API, CRUD logic, and database models to keep the app maintainable and ready for PostgreSQL migration.

WEii Cafe Restaurant Website - Diploma FYP - PHP, MySQL, HTML/CSS | GitHub: [Jameschoong7/weii cafe](https://github.com/Jameschoong7/weii cafe)

- Built a restaurant website with admin CRUD for menu management, user/admin data, and authentication.

GreenChain - DevMatch 2025 Hackathon, BGA Track - Solidity, Sepolia Testnet | GitHub: [Jameschoong7/DevMatch2025](https://github.com/Jameschoong7/DevMatch2025)

- Deployed a Solidity smart contract for token minting, donation, and claim functionality.

EXPERIENCE

Web Development Intern, Zoewebs Sdn Bhd | *Perai, Penang* | May 2024 - Aug 2024

- Built and maintained client WordPress websites using Elementor and Oxygen; delivered page updates and custom UI components with HTML, CSS, and jQuery.
- Prepared client user manuals and conducted training sessions to support website handover and content management.
- Applied basic SEO improvements using Yoast and improved URL structure for client sites.

EDUCATION

Bachelor of Computer Science, UOW Malaysia KDU Penang University College | 2024 - Present

- CGPA: 3.76 | High Achievers Scholarship | Dean's List | Expected graduation: December 2026

Diploma in Information Technology, UOW Malaysia KDU Penang University College | 2022 - 2024

- CGPA: 3.86

SPM | 2021

- Result: 9A 1B

LEADERSHIP, CERTIFICATIONS & LANGUAGES

Computing Club, UOW Malaysia KDU | *Consulting Committee 2026-Present*

- Co-led club revival documentation and supported AGM transition and committee handover.

Certification: TRIZ Level 2 Certification

Languages: English, Chinese/Mandarin, Malay