

# Dylan Porter

Hong Kong | [tdporter@connect.hku.hk](mailto:tdporter@connect.hku.hk) | +852 6655 0701 | [linkedin.com/in/tdporter](https://www.linkedin.com/in/tdporter)

## WORK EXPERIENCE

<b>Full Stack Developer</b> Collective Global, Hong Kong	<b>Jul 2024 – Present</b> <i>Contract</i>
<ul style="list-style-type: none"><li>Created scalable backend systems on Amazon Web Services and connected servers with LLMs, RAG systems, and SQL databases using n8n with Python and JavaScript</li><li>Produced interactable frontend experiences using React, Tailwind, and Vite in TypeScript for websites and web applications, and Firebase integration for authentication and third-party services</li><li>Collaborated with clients and project leads to ensure timely and high-quality results in accordance with agreed proposals for minimum viable products across industries</li></ul>	
<b>Coding Instructor</b> BSD Education, Hong Kong	<b>May 2025 – Present</b> <i>Part-time</i>
<ul style="list-style-type: none"><li>Guided young students through an online programming curriculum, promoting independent learning through fundamental concepts and practical skills in HTML, CSS, and JavaScript</li><li>Partnered with fellow instructors to deliver engaging course material by effectively managing the classroom by coordinating learning activities</li></ul>	
<b>Intern</b> BSD Education, Hong Kong	<b>Sep 2023 – Mar 2024</b> <i>Internship</i>
<ul style="list-style-type: none"><li>Developed an AI chatbot service using a local LLM hosted on an AWS server using llama.cpp in C++, interactable through API requests managed by a Python script onto a Gradio interface</li><li>Established the new digital service onto a custom-hosted website using HTML and CSS, with an outreach of over 150,000 students across 26 countries</li></ul>	

## RECENT PROJECTS

<b>SourcingGPT</b> <a href="https://app.sourcinggpt.ai/">https://app.sourcinggpt.ai/</a>	<b>Apr 2025 – Present</b> <i>Ongoing MVP development</i>
<ul style="list-style-type: none"><li>Completed development of an RAG AI chatbot tailored to a custom updating database with real-time information, integrated with an automated email interaction system</li></ul>	
<b>VETsage</b> <a href="https://app.vetsage.ai/">https://app.vetsage.ai/</a>	<b>Jun 2025 – Present</b> <i>Ongoing Beta development</i>
<ul style="list-style-type: none"><li>Produced a generative AI system capable of visualising a summary of uploaded documents within a fully dynamic user interface, with direct references to the gathered information</li></ul>	
<b>ARFixit</b> <a href="https://arfixit.co/">https://arfixit.co/</a>	<b>Dec 2024 – Feb 2025</b> <i>Completed MVP development</i>
<ul style="list-style-type: none"><li>Released an Android app in Unity using augmented reality to recognise microwave appliances in a 3D environment, before overlaying interactive instructions for a handheld user experience</li></ul>	

## SKILLS

**Tech Stack:** Python, C++, JavaScript, TypeScript, React, SQL

**Technologies:** AWS, n8n, GenAI, LLMs, RAG, Linux/Unix, Postgres, Firebase, Docker, Unity

## EDUCATION

<b>University of Hong Kong</b> , Faculty of Engineering	<b>Due Jun 2028</b>
Bachelor of Engineering in Computer Science – BEng(CompSc)	Cumulative GPA (Year 1): 3.32