XUAN HUNG (ALEX) HO

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OBJECTIVE

Data Scientist Master's Student and 4-year experienced Software Engineer with a passion for leveraging data-driven insights to solve complex problems. Seeking a challenging role in a dynamic organization where I can apply my analytical skills, machine learning expertise, and software engineering experience to drive innovation and make a meaningful impact.

EDUCATION

Master of Science in Data Science — 2021 - Present
The University of Melbourne — Parkville, VIC

Bachelor of Science in Software Engineering — 2015 - 2019
FPT University — Hanoi, Vietnam

- Full academic scholarship

SKILLS

Technical Skills	R, Python, C# (.NET Core), Java (Spring Boot), JavaScript (Node.js)
Web Technology	Apache HTTP Server, Nginx, Microsoft Azure, Docker, Jenkins, Ansible, WebRTC
Database Systems	SQL Server, MySQL, Apache Cassandra, Apache CouchDB, MongoDB
Operating Systems	Linux/Unix, Windows 10, macOS
Tools/IDE	Git, Postman, Visual Studio, Visual Studio Code, LaTeX
Development Process	Waterfall, Agile, Extreme, Kanban
Languages	Vietnamese (native), English (IELTS Academic: overall 7.0)

EXPERIENCE

Data Scientist Intern — Jun 2023 - Present
Walter and Eliza Hall Institute of Medical Research — Parkville, VIC

- Participating in the Clinical Dashboards project.

Full-Stack Developer — Jun 2021 - Nov 2021
CMC Global Company Ltd. — Hanoi, Vietnam

- Collaborated with Singaporean clients on projects using .NET 3.1 and ASP.NET.

Back-End Developer — Mar 2020 - Oct 2020
Giaohangtietkiem.vn – ECOM Services JSC. — Hanoi, Vietnam

- Developed a Messaging system and a Call centre based on WebRTC for customer services, aimed to reduce telecommunication costs.
- Utilized Java Spring Boot and Sails.js for back-end systems, Apache Kafka as a message broker, MySQL as RDBMS, and Apache Cassandra for scalability and high availability database.
- Implemented, deployed, and managed CI/CD pipelines and services in production environment with Docker Swarm, Jenkins, and Ansible.

Lead Back-End Developer — Jun 2019 - Feb 2020
F99 Technology and Investment JSC. — Hanoi, Vietnam

- Built an E-commerce platform for food and fruit products.
- Designed architecture using Domain-driven design and implemented the system based on microservice architecture.

Mobile/Xamarin/UWP/C# Developer   Jul 2017 - Feb 2019
FPT Software Ltd.   Hanoi, Vietnam

- Collaborated directly with an American corporation on numerous Aviation-domain projects.
- Utilized C#, MVVM, UWP for Windows 10 Desktop, Xamarin for iOS/Android applications, and ASP.NET MVC to deliver high-quality software solutions.
- Gained project management experience from a prominent outsourcing company in Vietnam.

HONOURS AND AWARDS

Global Excellence Scholarship, The University of Exeter   May 2021

First runner-up, Developer Circles Vietnam Innovation Challenge   Dec 2020
A competition sponsored by Facebook and CoderSchool for innovative products using Data science to solve real-world problems provided by top IT companies in Vietnam.

- Completed a web application to suggest restaurants using a recommendation and personalisation system.
- Finished in first runner-up place.

Excellence in Social Activities contribution, FPT University   Dec 2019
Awarded to students who have demonstrated outstanding accomplishments in social contributions at FPT University.

Nguyen Van Dao Scholarship, FPT University   Sep 2015
Full academic scholarship at FPT University.

EXTRA-CURRICULAR ACTIVITIES

Founder - Head of the Organising team, UNICAMP, Vietnam   Dec 2015 - Jun 2016
A summer camp focused on fostering essential soft skills in adolescents from across Vietnam.

- Provided oversight in the planning, execution, and management of a team of 45 organizers.
- Secured sponsorship and parental contributions totalling 60,000,000 VND for the inaugural year.
- Gained invaluable skills in leadership, event organization, human resources, and risk management.

President, No Shy Club, FPT University   Dec 2015 - Jun 2016
The English and soft skills club at FPT University has a vision to create an encouraging environment for students to cultivate their English language proficiency and enhance their soft skills.

- Responsible for organizing annual events focused on English and soft skills, including the English Eloquence Contest and game shows featuring native speakers.
- Skilled in event planning and adept at managing teams.