

# Le Quang Hai

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## Education

### Swinburne University, FPT alliance program, Ho Chi Minh

Sep 2022 - Present

- Bachelor in Computer Science (GPA: 3.5)
- Ranked in the top 10% of students - best performer on subjects: Network and Switching, Computer System, Data Structures and Algorithms, Artificial Intelligence, Data Science Principles.

## Skills & Knowledge

- **Full-Stack Development:** JavaScript frameworks (Next.js, Express.js), Tailwind CSS, C# (ASP.NET Core, Entity Framework), databases (MySQL, SQL Server, MongoDB, DynamoDB)
- **DevOps CI/CD and Management tools:** AWS, Docker, GIT, Jenkins, Linux, Asana, Jira, Confluence.
- **Programming:** C++, Java, Python (NumPy, Pandas, TensorFlow), Bash, SQL; specific domains (JSON, XML)
- **Languages:** English proficiency - **IELTS 7.5**, Chinese beginner level.

## Experience

### Private Teaching Tutor | Freelance

Sep 2022 – Jun 2023

- Effectively communicated to empathize and tailor creative educational strategies.

### Research and Development Member | Swinburne Business Club

Aug 2022 – Jun 2023

- Developed strategies and contents to successfully launch 3 media and academic campaigns in a year.

## Projects & Achievements

### Restaurant Information System | Software Architecture Project

May 2024 - Present

- Designed a computer-supported system to enhance business model operation
- Developed dynamic UI with **Next.js**, designed and implemented backend **REST API** with **ASP.NET MVC**.

### Lang Biang Farm Digitization | Computing Technology Project | [Link to Document](#)

Sep 2023 - Dec 2023

- Resolved real business issue by developing a 4-month strategy for transitioning to a tech-savvy operation.
- Covered all phases: analyze RFP, identify requirements and personas, build plan, roadmap, and solution design.
- Led a cross-functional **Agile** team utilizing **Jira** and **Confluence**

### Swin Adventure Console Game | Object-oriented Program

May 2023 - Jun 2023

- Developed an interactive game using **object-oriented programming** principles and **design patterns**.
- Ensured robust error prevention through **unit testing**, deployed using **Docker** for containerization.

### Remote home server | Networking and DevOps Project

May 2024 - Jun 2024

- Administered a **Linux** machine cluster to simulate infrastructure management in enterprise environments.
- Engineered network configuration and implemented VPN and firewall for secured remote access.

### Project Management Specialization Certificate | [Grow with Google](#)

Jun 2023 - Aug 2023

- Gained expertise in phases of project life cycle, including **SDLC**, **Agile** methodologies.

### Cloud Associate Certificate | [Amazon Course Completion](#)

Jun 2023 - Aug 2023

- Implemented **system design** utilizing IAM, VPC, S3, EC2, EBS, Lambda, RDS, CloudFront, and other **AWS** services.

### IT Automation Specialization Certificate | [Grow with Google](#)

Jun 2023 - Aug 2023

- Experienced in **Linux** and **Bash** scripting, Version control system, configuration management.

## Professional Reference

### Dr. Nguyen Thien Bao

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Former Head of Computer Science, Swinburne HCM  
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### Dr. Thomas Hang

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