

Dang Huy Phuong

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Education

Nanyang Technological University

Singapore

Bachelor of Engineering in Computer Engineering

Aug. 2021 – May 2025

- CGPA: 4.62/5.00 (First Class)
- Relevant Courses: Software Engineering, Object-Oriented Design & Programming, Data Structures & Algorithms, Computer Networks
- Recipient of the MOE Tuition Grant, supported by the Singapore government in securing an Employment Pass(EP) to serve 3-year bond in Singapore

Experience

Backend Engineer, Intern

Jan 2024 – Jun 2024

Traveloka

Singapore

- Engineered a Spring Boot-based internal tool for over 200 users across 20 teams automated financial audit workflows, enhancing data processing efficiency
- Reduced 95% in processing time and 90% in cost for data conversion process by proposing and developing a serverless system
- Architected a scalable system for all 40 backend teams at Traveloka to monitor and alert usage threshold across AWS services, eliminating possibility of throttling accidents

Full-Stack Developer, Intern

May 2022 – Aug 2022

Serversam PTE LTD

Singapore

- Increased customer base by 50% and expanded market presence for business partners by developed an e-commerce platform using ASP.NET framework
- Designed and deployed a MySQL relational database schema, efficiently managing 1000 daily transaction
- Identified and resolved multiple security vulnerabilities, and implemented advanced data encryption, reducing data breaches

Projects

Cryptocurrency Trading Bot | Python, MongoDB, Docker

Jun 2021 – May 2022

- Led development of a robust data pipeline, boosting the Machine Learning team's research capabilities by streamlining data access and manipulation processes
- Improved data retrieval time by 50% compared to direct calls to broker API through development of a NoSQL database
- Developed a API wrapper to interface directly with multiple brokers' APIs, streamlining integration process and eliminating need to switch between systems

Awards and certificates

AWS Certified Developer – Associate

Jun 2024

Amazon Web Services

Third Prize

Jan 2023

Amazon Web Services Aifinity

Most innovative use of Computer Vision

Dec 2022

Deep Learning Week Hackathon

Technical Skills

Languages: Python, Java, C/C++, JavaScript, C#

Frameworks: Spring Boot, JUnit, React, Nodejs, ASP.NET, Flask

Developer Tools: Git, Docker, Terraform, VS Code, Visual Studio, IntelliJ

Cloud Computing: AWS, Azure