MINH THAI PHAM

Dormitory B, Dong Hoa, Di An, Binh Duong

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Education

University of Science   **Sep. 2022 – May 2026**
Bachelor of Data Science   *Ho Chi Minh, Vietnam*

GPA: 3.55 (Top 5 among 100)
Got 2 encouraged scholarships

IELTS: 7.0   **December 2021**

Relevant Coursework

- Data Structures
- Algorithm Analysis
- Data Analysis
- AWS Cloud Practitioner
- AWS Solution Architect
- JavaScript (Udemy)

Technical Skills

Languages: Python, C++, C, HTML/CSS, JavaScript
Developer Tools: VS Code, Jupyter, AWS Cloud Platform
Technologies/Library: React.js, Git

Projects

Automation Data Preparation | *AWS Cloud, Hugo, Github*   **November 2023 - December 2023**

- Programmed Lambda functions to greet new data as it arrived in S3 and seamlessly triggered DataBrew jobs, ensuring near real-time processing and eliminating backlog build-up.

- Data preparation time by 90%, freeing up valuable resources for analysis and insights generation.

- Documented the entire architecture and deployment process for team reference and knowledge transfer.

Cloud Lab AWS Architecture | *AWS Cloud, Sanity, Hugo, Github*   **July 2023 - August 2023**

- Architected and implemented a scalable website hosting solution on AWS.

- Utilized AWS S3 for robust web asset storage, combined with CloudFront for reduced latency .

- Documented the entire architecture and deployment process for team reference and knowledge transfer.

Portfolio Website | *React.js, SCSS*   **June 2023 - August 2023**

- Developed a dynamic portfolio website with Sanity API integration for real-time content modification.

- Leveraged React.js for a responsive and interactive UI, ensuring cross-browser compatibility and optimized user experience across devices.

- Seamlessly integrated Sanity.io as the backend CMS for streamlined content management.

Experience

Home teaching   **May 2022 – October 2022**
Teaching Assistant   *Da Nang, Vietnam*

- ∗ Partnered with a 20-year-experienced educator in preparing 5 comprehensive lesson plans per month by organizing materials and ensuring equipment readiness.
- ∗ Conducted 2 revision sessions per week for students, addressing topics both in 5-student-group settings and one-on-one interactions.
- ∗ Identified student challenges in collaboration with the lead teacher which enhanced performance by 20%.
- ∗ Assisted in managing and overseeing the class schedule to ensure smooth academic proceedings.

Tri Phan Department   **May 2020 – December 2020**
Math Grader & Math solver   *Da Nang, Vietnam*

- ∗ Collaborated closely with 3 educational staff to devise 10 challenging math problems per week tailored for advanced students' examinations.
- ∗ Identified and communicated recurring 5 student errors per week, aiding teachers in tailoring their instruction to address common 2 areas of difficulty.
- ∗ Assumed responsibility for grading 50 math entrance exams per week of junior-high-school students, ensuring fairness and accuracy in evaluations.