THÁI DUY QUÝ

UNIVERSITY LECTURER

BIOGRAPHY

I received my bachelor's degree in Information Technology from Dalat University and my master's degree in Computer Science from the University of Danang, Vietnam. I have been a lecturer at Dalat University since 2008 and am currently pursuing a Ph.D. degree in the Department of Computer Science and Information Engineering at National Central University, Taiwan. My main research interests include software programming, graphics, machine learning, deep learning, computer vision, metaverse gaming, and Wi-Fi sensing.

EXPERIENCE

LECTURER

IT Department, Dalat University (since 2008)

- **Teaching**: C#, C++, Java, PHP, Python programming; developing desktop applications (C#, Java), mobile applications (Android), web applications (ASP.NET, PHP), and game applications (Unity); computer graphics; front-end and back-end web development.
- **Research**: Image processing; steganography and watermarking in 3D objects; human activity recognition; Wi-Fi sensing; machine learning; deep learning; computer vision.
- **Reviewer**: Dalat University Journal of Science (DLU-JOS), International Journal of Pattern Recognition and Artificial Intelligence (IJPRAI).

MENTOR

Funix Company (since 2020)

- **Teaching**: C++, Java, JavaScript, Android, Python, Unity (2D, 3D), software testing, data structures, and databases.
- **Program development:** Android programming, Java web programming, Unity game development (reviewer).

CodeGym Company (since 2025)

- **Teaching**: Python.

SKILLS

- **Languages:** English (IELTS 6.0), Chinese (elementary).
- **Programming languages:** Python, C#, Java, JavaScript, C++, PHP.
- **Soft skills**: Communication, computing, and interpersonal skills.
- **AI skills:** AI background(ML, DL, CV), AI tools (ChatGPT, Copilot, Trello…)
- **Work style**: Ability to work independently and within a team.
- **Teaching experience**: Experienced in teaching both children and working professionals.

INFORMATION DATA

Date of Birth: April 18, 1984; Male

Job: Lecturer at Department of IT, Dalat University; Mentor at Funix company

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Email: quytd@dlu.edu.vn

Facebook | Website | GitHub | LinkedIn

EDUCATION

Dalat University - *2008*

Bachelor of Science in Information Technology

Thesis name: Build an online course registration program

University of Danang - *2012*

Master of Science in Computer Science

Thesis name: Steganography in 3D object

National Central University (Taiwan) - *Current*

Ph.D. Student in Computer Science and Information Engineering.

Researching: Human Activity Recognition based on Wi-Fi sensing using Channel State Information

Google Scholar | ORCID | Research Gate

PUBLICATIONS:

[1]. Quy, T.D.; Lin, C.-Y.; Shih, T.K. Enhanced Human Activity Recognition Using Wi-Fi Sensing: Leveraging Phase and Amplitude with Attention Mechanisms. Sensors 2025, 25, 1038 (DOI).

[2]. Enkhbat, A.; Shih, T.K.; Gochoo, M.; Cheewaprakobkit, P.; Aditya, W.; Duy Quy, T.; Lin, H.; Lin, Y.T. Using Hybrid Models for Action Correction in Instrument Learning Based on AI. IEEE Access 2024, 12, 125319–125331(DOI).

[3]. Wisnu Aditya, Thai Duy Quy, Timothy K. Shih, Avirmed Enkhbat, Hsinchih Lin, Lin Yu-Ting (2023). Erhu Performance Evaluation Based on Deep Learning. The conference of Metaverse and Digital Twin Symposium 2023, The National Taiwan Science Education Center, Taiwan.

[4]. Phan Thi Thanh Nga, Nguyen Thi Luong, Ta Hoang Thang, Thai Duy Quy (2022). An approach for building a chatbot system for the admission process of Dalat University. TNU Journal of Science and Technology, Vol. 14, Issue. 227, 23-32 (DOI).

[5]. Thai Duy Quy, Phan Thi Thanh Nga, Nguyen Van Huy Dung (2021). Application of optical mark recognition techniques to survey answer sheets at Dalat University. Dalat University Journal of Science, Dalat University, Vietnam, Vol. 11, Issue. 1, ISSN 0866-787X (DOI).