

Thai Hoang Tam

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EDUCATION

Vietnamese-German University

Bachelor of Arts in Computer Science, GPA: 1.4 (German grade) or 9.2/10

Binh Duong, Vietnam

Aug. 2020 – Present

Frankfurt University of Applied Science

Exchange semester with DAAD scholarship

Frankfurt, Germany

Sep. 2021 – Mar. 2022

Le Quy Don High school

Ho Chi Minh, Vietnam

Aug. 2017 – May 2020

PROJECTS

License Plate Detection | *Yolov5, Python, OpenCV, Flask*

Nov. 2022 – Dec. 2022

- Leading a team of three people to make a Python program to detect license plate and show the vehicle's region of issued
- Collect and label about 2000 images of license plate.
- The images will first be detected and cropped by the trained yolov5 model
- Using RealESRGAN to upscale cropped license plate
- EasyOCR is used to get the number on the license
- Using and comparing the differences between three modal size
- Using Flask to make a basic website that user can upload images and see the detection results

Real As-stated | *Hyperledger Fabric, Typescript, React, Node, Docker, Scrum*

Oct. 2022 – Dec. 2022

- Working with a team of six people to make a prototype web app of real estate trading platform using blockchain based technology
- Hyperledger Fabric is used to make a permissioned blockchain
- Using Docker to represent peers of the blockchain network
- Develop an API server to connect the front end (React) and back end (Blockchain)
- Follow Scrum framework to make daily meeting

Etoet | *Flutter, Dart, Docker, Firebase, Google Cloud Service, Git*

April 2022 – Jun 2022

- Developed a full-stack mobile application using Flutter with Firebase as the database
- Working with Google Cloud Service to display Google map, and show roads to your friends
- Updating users' location in real-time with Firebase
- Using a geocoding plugin to show the address of the place on the map
- Working with git, creating branches for different features and merging to the main branch
- Actively participate in team meeting, giving ideas and solutions, discussing problems

Tisch | *Java, Maven, Java Swing, Git*

Sep. 2021 – Dec. 2021

- Leading a team of three people to develop a desktop application using Java with Java Swing for the GUI
- Allocating tasks to each member accordingly so that each member can learn and work together in both front end and back end
- Working with Oracle Database, using SQL for CRUD operations and retrieving data
- Hosting meeting to discuss problems, show progress, and work together to find the solutions
- Using GitHub for version control, and to collaborate with other team members

SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, TypeScript, SQL, (HTML/CSS)

Speaking languages: Vietnamese, English (IELTS 7.5), German (B1)