

# Thai Hoang Tam

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Address: District 7, Ho Chi Minh City

## EXPERIENCE

### Intern Java Developer

Ho Chi Minh, Vietnam

*Unit Technology Corporation*

*Feb. 2023 – Present*

- Learning about Spring framework (Spring Boot, Spring Data, Spring MVC, Spring Security)
- Building a self project about a book management system

## EDUCATION

### Vietnamese-German University

Binh Duong, Vietnam

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

*Aug. 2020 – Present*

- 50% Scholarship 2022-2023, 100% Scholarship 2020-2021
- Eligible for skipping the first year (foundation year)

### Frankfurt University of Applied Science

Frankfurt, Germany

*Exchange semester with fully funded DAAD scholarship*

*Sep. 2021 – Mar. 2022*

## 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 plates and show the vehicle's region of issued
- Collect and label about 2000 images of license plates.
- 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 sizes
- Using Flask to make a basic website where users 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 a 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 a Rest API server to connect the front end (React) and back end (Blockchain)
- Follow Scrum framework to make daily meetings

### 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

### 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

## SKILLS

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

**Speaking Languages:** Vietnamese, English (IELTS 7.5), German (B1)