

# MAI THANH MINH

Java Developer – Lecturer – Instructor

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thanhminhmr

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## EXPERIENCE

Lecturer – Instructor

University of Engineering and Technology

August 2015 – Ongoing

- Giving lectures and designing exercises for Object Oriented Programming courses, assisting students on learning Java language and tools.
- Advising and mentoring undergraduate students on their theses, reviewing and providing feedback on their drafts, improving overall quality and clarity of their work.

Lecturer – Instructor

CodeGym Vietnam JSC.

July 2022 – December 2022

- Instructed beginner level learner in Basic Programming, including programming language, principle and tools.
- Gave lectures for middle level learner in Advance Programming, Data Structures and Algorithms and Object Oriented Programming.

## PROJECTS

Change Impact Analysis for C++ & Java

FIT-UET + Toshiba Development Center Vietnam

January 2019 – December 2022

- Key member in the project, team leader with 5 members.
- Researched and designed core algorithms and libraries like C++ Parser Library and Java Parser Library to analyze source code changes and highlight their impact.
- Maintained and optimized the final product, resulting in more than 80% decrement of the execution time.

Change Impact Analysis Programming Language Structure

Compiler & Transpiler Java Language C & C++ Language

Java Application Server Spring MVC RESTful

Change Impact Analysis & Automated Unit Testing

FIT-UET + Viettel Aerospace Institute

August 2021 – December 2022

- Key member in the project, team leader with 5 members.
- Researched and designed core algorithms and libraries.
- Designed the client-server architecture and the REST API between said client and server.

Change Impact Analysis Programming Language Structure

Compiler & Transpiler C & C++ Language Qt Framework JavaFX

Java Application Server JAX-RS RESTful

## EDUCATION

B.Sc. in Information and Technology

University of Engineering and Technology

September 2015 – June 2019

M.Sc. in Software Engineering

University of Engineering and Technology

September 2019 – March 2022

## CERTIFICATE

Certificate of Completion – Toshiba Development Center Vietnam

In recognition and appreciation of Research & Development on Advance Testing Technologies.

October 2019 & June 2022

Certificate of Completion – Institute for Education Quality Assurance

New Teaching Methods and Application of Information Technology in Education.

February 2022

## STRENGTHS

Hard-working

Eye for detail

Motivator & Instructor

Research & Design

Change Impact Analysis

Programming Language Structure

Compiler & Transpiler

## SKILLS

English

Java

C & C++

JavaScript

SQL & Database

Git

Maven

