

# Duong Ha

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## EDUCATION

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### LUT University

*Bachelor of Software and System Engineering - a sophomore*

Expected 2025

- **GPA:** 4.88 / 5.0;

## WORK EXPERIENCE

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### Technical Projects:

- Full Stack University of Helsinki - <https://github.com/alexha11/FullStackUniversityOfHelsinki>
  - Building blog applications, weather applications, phone books applications,... mainly focusing on using MERN stack (MongoDB, Express, React, Node.js) and Redux.
- Renewable Energy Plant System - <https://github.com/alexha11/REPS>
  - Using Scala to build a functional application - a renewable energy plant system which can collect, save, view and calculate data related to energy, such as wind, solar, hydro energy and also can check the data and generate the alert if the energy exceeds the allowable threshold.
- Movie theater app - <https://github.com/alexha11/movie-theater-app>
  - Using Java in the OOP framework to create a movie theater management system which can add, remove, and view movies, showtimes, seating information of movies.

### Competitive Programming Experience with C++ for 4 years 2019 - Present

- Silver medal, Bronze prize The Olympiad In Informatics in Central Highlands of Vietnam (2020, 2021)
- First prize City information technology competition (2019)

### Teaching Assistant - Basics of Database Systems Course Jan 2024 - Present

LUT University - Part-time

- Assist teaching with professor about basics of Database Systems such as ERDs, Relational Model, Normalization, SQL, PostgreSQL,...
- Grading projects that involve building an application connecting with a database, grading exams, and weekly assignments.

### Software Developer - Triplan Company collaborating with LUT University Jan 2024 - Present

- Building a launch Pad using Vue.js, Fast api, Docker container, Nginx
- Building unit tests with Unittest Python Library, and Vitest
- Version controls, Git, Github.
- Working in Scrum methodology using tools like Jira, Slack,...

## SKILLS & CERTIFICATION

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**Languages and Tools:** Python, Javascript, SQL, C++, Docker, Jira,...

**Achievement and Certificate:** Top 10% of LUT students who got the scholarship, The Complete Web Development Bootcamp issued by Udemy, Full-Stack University Of Helsinki Certificate.

