

# Bui Quang Thang

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## PERSONAL INFORMATION

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## EDUCATIONS

**University of Science - VNUHCM (HCMUS)** Bachelor of Data Science *Aug 2021 - 2025*

- GPA: 8.52/10 (3.4/4.0)
- **Relevant Coursework:** Machine Learning, Artificial Intelligence, Data Mining, Data Science with Python, Database Systems, Database Management, Natural Language Processing.

## EXPERIENCES

**KMS Technology** AI Engineer Intern *Mar 2024 - Present*

- Develop internal chatbot LLM-based with llama-index and langchain, support HR and Data Analyst for productive workload, and easily get information about internal concerns.
- Deployment the chatbot with K8S, ArgoCD, Helm and GitHub Actions.

**Bosch Global Software Technologies** DevOps Engineer Intern *Aug 2023 - Feb 2024*

- Techstack: Jenkins, Azure, GitHub Actions, Docker, Terraform, Python, Bash Script
- Implement automation CI/CD pipelines for embedded and IoT development.
- Implement a project that has a one-click form that will create a full-stack web app, with auto deployment, auto testing, and security scanning in just one click.

## PROJECTS

**Garbage Classification Website** Team Project *Oct 2023 - Jan 2024*

- A project is a full-stack AI project that developed a garbage classification website that recognized six types of garbage: battery, glass, paper, metal, plastic, and organic.
- Serve Keras ResNet50 model with FastAPI and develop a website with the camera using ReactJS.
- Implemented the CI/CD process to build a Docker image, and used an SSH script to deploy the Docker container on an AWS EC2 instance.
- Production (for demo, because EC2 is costly): `garbage-classification-web.vercel.app`
- Source code: `github.com/thangbuiq/garbage-classification-web`

**COVID-19 Data Layer** Personal Project *Mar 2023 - Apr 2023*

- ETL data pipeline using Apache Spark, Dagster (orchestration), MinIO (data lake), MySQL, PostgreSQL, Plotly, Dash, and Docker.
- Performed advanced analytics and created interactive dashboards using Plotly, Dash.
- Blog: `thangbuiq.work/docs/covid-data-layer`
- Source code: `github.com/thangbuiq/covid19-etl-pipeline`

**GPTarot Reading Website** Team Project *June 2023 - Aug 2023*

- Developed a Tarot Reading website with a backend API using Python Flask. Integrated GPT-3.5 for generating Tarot readings based on user questions.
- Utilized ReactJS for the front end and set up continuous integration with GitHub Actions.
- Source code: `github.com/gptarot/gptarot.github.io`

## CERTIFICATIONS

**Data Engineering Fundamentals** AIDE Institute Certification  
**DP080 - Querying Data With T-SQL** Dataport Microsoft Partner