

Ho Quoc Thien Anh

Vietnam, Da Nang City • hoquocthienanh@gmail.com • 0905500293 • [linkedin.com/in/quoc-thien-anh-ho-450a83218](https://www.linkedin.com/in/quoc-thien-anh-ho-450a83218)

Passionate about leveraging algorithms and data-driven insights to drive impactful solutions. Experienced in regression, neural networks, and exploring ML and DL models. Seeking internship opportunities to apply theoretical knowledge in real-world projects and learn from industry professionals.

EDUCATION

Bachelor's degree Information Technology

Sep 2021 - Present

Danang University of Science and Technology

GPA: 3.89

- Scholarship for Outstanding Students awarded for five semesters.
- Relevant coursework includes Artificial Intelligence, Data Science, Neural Networks, Data Structures, and more.

SKILLS

Machine Learning:

- Experienced in using PyTorch and Scikit-learn for building models

Programming languages:

- Experienced with Python, C++

Data Analysis:

- Data Visualization: skilled with Seaborn, Matplotlib
- Data Processing: familiar with NumPy, Pandas for processing data

Soft Skills:

- Communication: strong verbal communication, proficient in active listening
- Presentation: strong presentation skills, able to explain things clearly
- Teamwork: can effectively collaborate with others, both in tech and non-tech projects

PROJECTS

Time-series forecasting model

May 2024 - Jun 2024

- Developed an ensemble model to predict power demand and generation two days in advance across four locations, achieving rapid computation and high accuracy.
- **Technologies:** PyTorch, Pandas, Matplotlib
- **Responsibilities:** Constructed AI model, preprocessed data

Hotel's Price Predicting

Mar 2024 - Jun 2024

- Processed data to get insights and develop a predictive model for hotel pricing in Danang city, achieving over 90% accuracy based on hotel features.
- **Technologies:** Scikit-learn, Matplotlib, Seaborn, Pandas
- **Responsibilities:** Led the team, preprocessed data, conducted exploratory data analysis (EDA), visualized data, and constructed the AI model.

Supporting device for English - Vietnamese communication

Feb 2024 - Jun 2024

- Implemented machine translation using a variant of Transformers, leveraging a Raspberry Pi 3 to create a device that supports communication, achieving processing times of less than 5 seconds with high accuracy.
- **Technology:** PyTorch
- **Responsibilities:** Engineered an AI model for speech recognition.

AWARDS

1st Prize Optimization Power Use in DevDay2024 by TAS Design Group

Jun 2024

First prize awarded for the creation and presentation of an effective method for forecasting time-series data.

Excellent Student by Danang University of Science and Technology

Sep 2023

Many times awarded for excellence in academic performance and extra-curricular activities by the University of Science and Technology

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Deputy Secretary

Sep 2022 - Present

Youth Union at IT Faculty - DUT

Danang, Vietnam

- Managing and administering the activities of the Youth Union.
- Ensure that the activities of the Youth Union are carried out according to plan and achieve high efficiency.
- Coordinate with related units and companies to organize joint activities. (Other faculties, VNG, KMS,...)

LANGUAGES

English - 7.5 IELTS (Professional working proficiency)