# Nguyen Le Anh Minh

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**Professional goals:**

Eager to adopt and learn new technologies. Enthusiastic to attend a Master of Computer Science in order to understand and apply different Computer Science concepts.

## Education

**Danang university of Science and Technology (DUT)** *Aug.2018 – Feb.2023*

Faculty                          : Information Technology
Major                            : Software Engineer
GPA                              : 3.44 / 4
Year of Graduation               : 2023

## Interested Research

Motivated to explore the intersection of computer vision (CV) with AI in agriculture, GIS and remote sensing. Driven by the potential to leverage CV techniques to analyze vast datasets from satellites and drones, ultimately contributing to more sustainable and productive farming practices.

## Research Experiences

**Using AI and Blockchain in Construction** *Feb.2023*
N.D.Huy, N.L.A.Minh, P.T.Hung - Da Nang University of Science and Technology

**Hydrology mobile application ecosystem** *Mar.2022*
N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc - Da Nang University of Science and Technology

**Evaluation of machine learning and deep learning models for drought forecasting using weather data** *Feb.2022*
N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc - Da Nang University of Science and Technology

**Build mobile application using artificial intelligence to forecast drought** *Feb.2022*
N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc - Da Nang University of Science and Technology

**Building mobile applications in agriculture using artificial intelligence and remote sensing** *Aug.2021*
N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc - Da Nang University of Science and Technology

## Work Experiences

**Team project: Ancv - WREF** *Jun.2019 – Mar.2022*

An agricultural mobile application ecosystem that provides free mobile applications to farmers as well as the agricultural service industry in Vietnam.

**Position:** Co-Founder, Mobile developer, AI developer
**Tech stack:** Java, Kotlin (Mobile), TensorFlow + Keras (LSTM, CNN), Open Weather (Weather Realtime Database), NodeJS (BE), MongoDB.
**Source Code:** *https://github.com/nmthangdn2000/AnCv_SF_UH21*

**Water Resources Research Center: Flood detection application** *Mar.2022 – Jun.2022*

Research and build a mobile application to solve the flood problem in city area.

**Position:** Mobile developer, AI developer
**Tech stack:** React Native (Mobile), Google Earth Engine (Remote Sensing Realtime Database), NodeJS (BE), MongoDB.
**Source code:** https://github.com/nabatti99/CanhBaoNgapLut
**Website:** *https://dut.udn.vn/wref/gioithieu/id/3791*

**Capstone Project: HomeLab.ai** *Apr.2022 – Mar.2023*

A web application that help designers reduce time when prepare an idea and make an architecture design for their customer.

**Position**: Front-end developer, AI developer, Blockchain developer
**Tech stack:** ReactJS (Web), TensorFlow, Matlab, Pytorch, TextRazor API, CNN and GNN model (Hybrid AI Prediction Model), Solidity (Blockchain), Coohom (3D Platform).
**Source Code:** *https://github.com/PassgenixTeam/home-lab-ai*

### Napa Global: SoulBound NFT
*Jun.2022 – Apr.2023*

NFT Web-app rewarding for contributor who devoted to a project.

**Position:** Blockchain Developer, Web Developer, BE Developer, Maintainer
**Tech stack:** Solidity (Blockchain), ReactJS (Web), NestJS (BE), MySQL, MongoDB, Docker, AWS (EC2, S3), CI/CD.
**Website:** *https://opensoul.io/*

### Napa Global: Gamify
*Aug.2022 – Nov.2022*

A blockchain platform for gamer.

**Position:** Blockchain developer (supporter).
**Tech stack:** Solidity (Blockchain).

### Startup : The Rike
*Feb.2023 – Present*

Bring products of Vietnamese farmers to the US market.

**Position:** Technical leader
**Tech stack:** NextJS (Client website), Shopify, Amazon for Retailer (E-commerce platform), NestJS (BE), AppSheet (Admin), MongoDB.
**Website:** *https://www.therike.com/*

### Napa Global: Datasource
*Oct.2023 – Dec.2023*

A blockchain-based hackathon platform.
**Position:** Technical leader
**Tech stack:** Solidity (Blockchain), Ruby (FE-BE), MongoDB, Flask (AI Server).
**Website:** *https://datasource.ai*

### Napa Global: MPC-CMP Wallet
*Nov.2023 – Present*

Create a blockchain-base security wallet using MPC-CMP algorithm.
**Position:** Technical leader
**Tech stack:** OpenSSL, MPC-Lib Cosigner (C++), AWS (Nitro, KMS, DynamoDB, Cognito), NodeJS (BE Server).

## Honors & Awards

**First prize in the international programming contest UAVS Hackatrix 2021.**

**Consolation Prize in Nation Scientific Research 2021 – 2022.**

**Consolation Prize in Oraichain Hackathon 2023.**

**Consolation Prize  of Da Nang Science Research Student 2021.**

**Second prize in the Technology Innovation Startup Competition at the University of Danang 2021.**

**Final award for students of scientific research at the University of Danang 2020-2021 & 2021-2022.**

**Best Presentation Second Prize, Technical Second Prizes, and Technical Third Prize were awarded in the student competition for Danang University of Science and Technology's scientific research and technology exhibition BK-Techshow from 2020 to 2022.**

**First Prize, Second prize and Technical Prize at faculty level of student science research competition at Danang University of Science and Technology in from 2020 – 2022.**

## Language Proficiency

**English: TOEIC 750 (Valid until Feb.2026)**

## Licenses & Certifications

### Blockchain Basic
**Issuer:** FUNiX (*https://funix.edu.vn*)
**Issued at:** January 2022.
**Website:** *https://drive.google.com/file/d/1NDWgvuIQtTaxbcZcEJJ5NDTkewSk8IAw/view*

### Smart Contract
**Issuer:** FUNiX (*https://funix.edu.vn*)
**Issued at:** March 2022.
**Website:** *https://drive.google.com/file/d/1-Lpg7hnBEtmVTB1LcQiWBJySr9jm5JqO/view*