



NGOC-MINH, TA

Data Engineer/Scientist



0942942968



November 21, 2003



ngocminhta.nmt@gmail.com



<https://ngocminhta.github.io/>



Hanoi, Vietnam

OBJECTIVES

Take advantage of all the skills I achieved and the knowledge of the major I have learned at the university, my objective is becoming a technopreneur focusing on Big Data and AI after graduation. Working as a data engineer or data scientist helps me get more knowledge and experience, which enhances my research results.

SKILLS

- **Language:** Vietnamese (Native), English (Advanced)
- **Technical skills:** Statistics • Optimization & algorithms • Data Analysis • Machine Learning • Big Data • Prompt Engineering
- **Interpersonal skills:** Leadership • Logical thinking • Teamwork • Problem-solving
- **Tech Stack:** Python • Java • Scala • SQL • R • PowerBI • Hadoop • Spark



EDUCATION

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Sep. 2021 - Now

Major: Data Science and Artificial Intelligence

GPA: 3.55/4.0 with 4.0 score in Algebra, Calculus, Data Structures and Optimization.



WORK EXPERIENCE

VIETTEL GROUP

Apr. 2023 - Now

Data Engineer/Scientist - Internship

I joined Viettel Digital Talent program, and now #90/1000+ applicant.

- Handling data and ML tasks using Hadoop Ecosystem.
- Investigate to build new distributed data architecture.
- Current project: Build LLM Chatbot for Data Engineering/Science.

DATAPOT JOINT STOCK COMPANY

Jun. 2023 - Now

Data Analytics Lecture & Teaching Assistant - Contract

- Jointly contribute to Data Analytics Foundation course.
- Teach practical parts of Data Analytics tools: SQL, Azure, Python.

MATHPRESSO VIETNAM

May 2022 - Dec. 2022

Data Analyst - Part-time

- Data processing customers' data and input data for QANDA app.
- Visualize & report about the effectiveness of marketing campaigns.
- Feedback and recommend some updates of the websites, apps.

THE INTERNATIONAL RESEARCH CENTER FOR AI - BK.AI

Feb. 2022 - Now

Research member of Modeling, Simulation and Optimization Lab

- My research mainly focus on Multitasking Optimization.
- Current topic: Develop Multifactorial Variable Neighborhood Search Algorithm.



HONOR & AWARDS

2022 Champion of Data Science Talent Competition 2022.

2022 Silver Prize in HUST-SolCT Creative Idea Challenge 2022.

2022 Bronze Prize in AOF Young Startup 2022.

2021 Top 8 in HUST Innovation Hackathon 2021 .



CERTIFICATIONS

2023 IBM Data Science Professional Certificate (*in progress*)

2023 IBM Data Engineering Professional Certificate

2023 Google Project Management Professional Certificate.

2023 Google Data Analytics Professional Certificate.

2021 Google Developers' badges of completing courses about DS, AI, ML.



References

Assoc.Prof. **Huỳnh Thị Thanh Bình**
Vice dean, School of ICT - HUST
binhht@soict.hust.edu.vn

Mr. **Nguyễn Chí Thanh**
Head of Digital & IT Technology Division,
IT Department, Viettel Group.
thanhnc221@viettel.com.vn



EXTRACURRICULAR EXPERIENCE

GOOGLE DEVELOPER STUDENT CLUB - HUST

Aug. 2022 - Now

President

A club sponsored by Google Dev to help students work with Google's technologies.

HO CHI MINH YOUTH UNION

May 2022 - Now

Head of Study, Scientific Research and Orientation Department



PROJECTS

- **Curent project:**
 - Develop Multifactorial Variable Neighborhood Search Algorithm to solve Clustered TSP problem (joined under supervision of BKAI professors).
 - Building LLM Chatbot for Data Engineering and Science (joined under supervision of Viettel's experts).
- **Past projects:**
 - Real-time Traffic Control & Streetlight Management (Leader).
 - National Graduation Exam Ranking and Estimation.
 - Developing and Implementing Data Mesh architecture (done under supervision of Viettel's experts).
- **Some capstone projects:**
 - Solving Nurse Scheduling Problem with multiple optimization methods (Member).
 - Maritime Transportation Optimization (Leader).
 - Stock Price Prediction using ML models (Leader).