

CHAU Dang Minh

 github.com/minted

 +84 971056418

 minh.chaudang@hcmut.edu.vn

OBJECTIVE

To become a well-trained researcher in the fields of Applied Mathematics and Artificial Intelligence

EDUCATION

Ho Chi Minh City University of Technology

October 2020 - Present

Bachelor of Engineering in Computer Science

Cumulative GPA: 8.4/10

Nguyen Binh Khiem High School for the Gifted

August 2017 - June 2020

Mathematics class

KEY COURSES TAKEN

Discrete Mathematics for Computer Science, Data Structure and Algorithms, Database Systems, Operating Systems, Computer Networks, Introduction to Artificial Intelligence, Big Data and Business Intelligence, Machine Learning, Computer Vision and Natural Language Processing

EXPERIENCES

Beehexa Cooperation

April 2023 - August 2023

Industrial Internship

Learned the Scrum framework, SOLID and design patterns, and implemented a quiz app supporting people to learn Scrum

PROJECTS

Smart Parking Lot

May 2023

Multidisciplinary Project

Implemented a parking lot system containing cameras, sensors and a monitor to automate parking process

Similarity between Coordinated, labeled graphs

July 2023

Programming Integration Project

Designed and implemented a polynomial-time algorithm for determining the similarity between coordinated, labeled graphs

Sentiment and Semantic Analysis in Customer Service

May 2023

Natural Language Processing Assignment

Applied classical NLP to classify customer's sentiment in the first sentence and analyze customer's question about traveling trips

Game Solvers

November 2022

Introduction to Artificial Intelligence Assignment

Applied basic searching algorithms, such as BFS, genetic search, A^* and Minimax search to solve Watersort, BLOXORZ and Reversi (Vietnamese chess)

AI-based Algorithms for Resource Allocation in Cloud Computing

May 2022

Operating Systems Extended Assignment

Studied AI-based algorithms for Resource Allocation in Cloud Computing and implemented Particle Swarm Optimization

SKILLS

Programming Languages: C/C++, Python, JavaScript/TypeScript, and SQL

Tools: Git, Google Colab, Docker, and MongoDB

OSes: Linux and Windows

Libraries and Frameworks: numpy, pandas, cv2, tensorflow, scikit-learn, Nextjs, and TailwindCSS

Languages: TOEIC 775 (taken in June 2022)

INTERESTS

Solving math problems and reading philosophical texts

ACTIVITIES

Artificial Intelligence Club | *Member of Artificial Intelligence Club (BKAIC)* November 2020 - Present

We Learn - We Share Club | *Member*

May 2021 - May 2022

A club supporting students in general subjects

Philosapiens Club | *Content writer*

November 2021 - February 2023

A non-profit project to bring philosophy to everyone

HONORS & AWARDS

University Student Olympiad on Mathematical Analysis | *3rd prize*

November 2020

Vietnam Mathematical Olympiad | *Consolation prizes*

January 2019, December 2019

30/4 Mathematical Olympiad | *Silver, Gold medals*

April 2018, April 2019

Vinh Long Province Mathematical Olympiad | *1st prize*

December 2019

Odon Vallet Scholarships

2019, 2020

Vietnam Institute for Advanced Studies in Mathematics (VIASM) Scholarship

2019

REFERENCES

Dr. NGUYEN An Khuong (Academic Advisor)

Faculty of Computer Science and Engineering, University of Technology, VNU-HCM, Vietnam

Email: nakhuong@hcmut.edu.vn

LE Thanh Son, PhD Student (Mentor)

KTH Royal Institute of Technology, Sweden

Email: son.lethanh987@gmail.com

TRAN Dinh Vinh Thuy, PhD Student (Mentor)

École Centrale de Lyon, France

Email: thuytdv.vn@gmail.com