



PHONG HUYNH

SUMMARY

I am a senior student majoring in Computer Science and a competitive programmer with solid foundation in algorithms and programming. I am passionate about programming and want to learn more in the field of data science.

EDUCATION

B.S. Information Technology

Ho Chi Minh University of Education
[2019 – Present]

Field of study: Computer Science

Overall GPA: 3.28/4.0
(Undergraduate)

CONTACT

SKYPE:

huynhthanhphong0931@gmail.com

PHONE:

0931493972

EMAIL

huynhthanhphong0931@gmail.com

GITHUB

<https://github.com/DarkDipper>

ADDRESS

Nguyen Van Dau, Ward 6, Binh Thanh
District, Ho Chi Minh City, Vietnam

EXPERIENCES

- Exploratory Data Analysis and Feature Engineering
- Machine Learning modelling (bias – variance trade off, ensemble learning, etc.)
- Natural Language Processing and Computer Vision
- Experience with Python and data science libraries like Pandas, Numpy, Scipy, Matplotlib, ScikitLearn, OpenCV, TensorFlow – Keras, etc.

PROGRAMMING SKILLS

- Programming Languages: Python, C, C++, C#, JavaScript
- Relational Database (MSSQL, MySQL) and Spreadsheet (Excel)
- Experience with Data Structures and Algorithms from Competitive Programming
- Ability to study and apply new Machine Learning algorithms, technologies, tools, frameworks, etc.
- Ability to adapt to new data analytics and modelling tools
- Ability to use Git to organize and manage source codes

COMMUNICATION SKILLS

- English communication
- Ability to work in small team (3-5 people)

PROJECTS

Face mask detection using MobilnetV2

[Oct 2020 – Apr 2021]

- The main topic is to develop a mask user identification system directly on recording devices.
- My work was mainly modeling the transfer learning model and collecting dataset
- Awarded a 2nd Prize in the 2020 Student Scientific Research Conference, Ho Chi Minh University of Education.
- Participating in the semifinals of the Euréka Scientific Student Research 2020

[Link to Github Repository](#)

Barcode Detection

[Oct 2021 – Dec 2021]

- Final project in my Digital Image Processing class
- I built the GUI for the project and my teammate used image processing techniques for barcode detection.

[Link to Github Repository](#)

Character Detection

[Oct 2021 – Dec 2021]

- Final project in my Data Science class
- To complete this project, I built two models, one with a pretrained model called MobileNetv2 to recognize the characters in the image.
- And the next model using neural network would decrypt those miscellaneous characters

[Link to Github Repository](#)

Wine Quality Classification

[Feb 2022 – May 2022]

- Final project in my Machine Learning class
- Our work has researched and analyzed features that have influence or relationships with each other in the dataset.
- I also built and compared several models such as SVM, Random Forest Classifier and Neural network.

[Link to Kaggle Notebook](#)