



# 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](mailto:huynhthanhphong0931@gmail.com)

PHONE:

0931493972

EMAIL

[huynhthanhphong0931@gmail.com](mailto:huynhthanhphong0931@gmail.com)

GITHUB

<https://github.com/DarkDipper>

ADDRESS

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

## EXPERIENCES

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- 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

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- Experience with Relational Database (MSSQL, MySQL) and database platforms such as MongoDB
- Experience with Data Structures and Algorithms from Competitive Programming
- Experience in developing web pages using HTML, CSS, JavaScript, React JS, Node JS, jQuery, Bootstrap
- Familiar with Git to organize and manage source codes
- Ability to study and apply new algorithms, technologies, tools, frameworks, etc.

## COMMUNICATION SKILLS

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

## PROJECTS

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### 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.
- Using OpenCV, Tkinter, ttkbootstrap library

[Link to Github Repository](#)

### Chess 3D

[Nov 2021 – Dec 2021]

- Final project in my Computer Graphics class
- My work was to find, load the chessman and animation those object when they move using OpenGL library

[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](#)

### Basic Programming Knowledge Exam System

[Mar 2022 – May 2022]

- Final project in my Statistical Learning class
- My main work was to design and program a front end website for exam system using React JS
- Me and my partners had collected basic programming lessons, basic programming knowledge tests and save it in database using Selenium, BeautifulSoup4, MongoDB

[Link to Github Repository](#)