

Dung Tuan Bui

[Website](#) | [LinkedIn](#) | [GitHub](#) |

Location: Cau Giay, Hanoi, Vietnam

Email: dungbuit1k28@gmail.com

Mobile: (+84)364383136

OVERVIEW

I'm a second-year student, majoring in Information Technology.

I've a bit of experience in website development. I loves building website infrastructure and programming for the web. Aside from programming, I also likes taking pictures, watching anime, reading manga, teaching, and especially writing. [ZhaoSPei](#) is my website, created on February 2023. Among the things that are on that website are several personal and professional blogs.

Currently, I'm participating in scientific research at my school's Lab. I'm interested in Machine Learning and hope to use artificial intelligence in medical sciences someday. I also love tinkering with software and contributing to open-source projects. And I am constantly learning and improving myself everyday.

EDUCATION

VNU University of Engineering and Technology

The Degree of Bachelor in Information Technology (Honors Program)

Sep 2021 - now

Hanoi, Vietnam

- Current GPA: 3.71/4.00

Ha Tinh High School for Gifted Students

High School Student

Aug 2018 - Jun 2021

Hatinh, Vietnam

- Grade: 9.3/10

SKILLS

Technical skills

- Data Structures and Algorithms
- Object-Oriented Programming (OOP)
- Relational Databases
- Languages: Python, C/C++, Java, JavaScript, SQL
- Tools/Others: Git, Linux, Visual Studio Code, IntelliJ IDEA, MySQL

Soft skills

- Read/Understand basic English documentations
- Self-learning, Teamwork, Communication, Collaboration

HONORS AND AWARDS

Scholarship Encouraging Study in the first Semester 2022

Nov 2022

- Top 8% students in one class.

Consolation prize in Vietnamese National Olympiad in Informatics in 2021

2021

- An annual programming contest held by the Ministry of Education and Training for Vietnamese high-school students. This is the preliminary contest for choosing representatives for the International Olympiad in Informatics (IOI).

First prize in VNU Olympiad in Informatics in 2020

2020

- An annual programming contest held by VNU for Vietnamese high-school students.

Third prize in Vietnamese National Olympiad in Informatics in 2020

2020

- An annual programming contest held by the Ministry of Education and Training for Vietnamese high-school students. This is the preliminary contest for choosing representatives for the International Olympiad in Informatics (IOI).

Gold medal in Informatics in the coastal area of the Northern Delta, Vietnam in 2020

2020

- An annual programming contest held by the Ministry of Education and Training for Vietnam high-school students in the Northern Delta.

PROJECTS

CodeDreamOJ

2022

- An online system for hosting programming contests based on the DMOJ open-source platform. CodeDream Online Judge also provides messaging service that allow the community on sharing ideas and discussing approaches to solve coding questions. Currently, there are about 300 users using it.
- Languages/Technologies used: Python, Django framework, jQuery, MariaDB, NodeJS

Mystery Guy

2021

- A small platform game. This is my first game made in C++. I made it in about 2 weeks. Some bugs in this game i haven't fixed. It's also my project for Advance Programing Subject.
- Languages/Technologies used: C/C++, SDL2 library

LICENSES & CERTIFICATIONS

Machine Learning Specialization - Coursera

March 2023

- Supervised Machine Learning: Regression and Classification, Advanced Learning Algorithms Unsupervised Learning, Recommenders and Reinforcement Learning
- I studied modern machine learning concepts, including supervised learning (linear regression, logistic regression, neural networks, decision trees), unsupervised learning (clustering, anomaly detection), recommender systems, and reinforcement learning. I learned some of the best practices for building machine learning models. I've also gained practical skills to apply machine learning techniques to challenging real-world problems.

Deep Learning Specialization - Coursera

June 2023

- Neural Networks and Deep Learning; Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization; Structuring Machine Learning Projects; Convolutional Neural Networks; Sequence Models.
- I built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more.

ACTIVITIES

Developer at [Le Quy Don's online judge](#)

Nov 2022 - now

- Maintain and develop for an online judge over 20 000 users. I've developed and optimized some new features from what previous people have done.
- Languages/Technologies used: Django, NodeJS, MariaDB