Dinh Viet Quang

 helloitsurdvq | DinhVietQuang | @ vietquang16012003@gmail.com | +(84)869963453

SUMMARY

A BSc in Global ICT program at Hanoi University of Science and Technology. A passionate young man currently pursuing fresh opportunities in new technologies. Tenacity, confidence, diligence and great adaptability are among my most notable traits. Apart from that, with my curiosity and willingness to experience new things, I have learned and worked with diverse groups of people. Because of that, I have a great grasp of the appropriate working culture as well as crucial qualities for the workplace such as being responsible, diligent, and ambitious.

EDUCATION

Hanoi University of Science and Technology — Hanoi, Vietnam
B.Sc. in Global ICT; ***CPA: 3.xx/4.00*** — *2021 – 2025 (Expected)*

Foreign Language Specialized High School — Hanoi, Vietnam
High School Diploma; ***CPA: 9.3/10.0*** — *2018 – 2021*

RESEARCH PROJECT

Outage Probability Analysis for Relay-Aided Self-Energy Recycling Wireless Sensor Networks Over INID Rayleigh Fading Channels

- Provide the exact analytical expression of the Outage Probability, evaluate the impacts of important system parameters, such as the number of devices, on the performance and learning-based neural network method that can only predict the Outage Probability based on statistical information.
- Published on IEEE Sensor Journal (Q1), Vol. 24, No. 7, pp. 11184-11194, Apr. 2024. (SCIE, IF 4.3).

PROJECTS

Name	Related Fields	Time
IMDb Movie Recommender System	Data Science, ML, Scraping	Autumn 2024
Expense Management Application	Android	Autumn 2024
Online Chess Application	C++, TCP Socket	Autumn 2024
Obesity Level Classification	Machine Learning, Software	Summer 2024
Student Management Application	K8S, Containerization	Spring 2023
Studix - An Online Learning Platform	EdTech	Winter 2022
Vietnam History WikiApp	Scraping, Software	Summer 2022
Vietnamese Stock Article Sentiment-based Classification	Deep Learning	Summer 2022

For additional information, please check my Github (located at the top of this resume).

EXPERIENCE

Viettel Solutions — Hanoi, Vietnam
Cloud Solutions Engineer — *Aug 2024 – Nov 2024*

- Fields: Monitoring, Logging, CI/CD, Kubenetes, Virtualization, Platform as a Service (PaaS).
- Top 5 Ambassador of Viettel Digital Talent Program 2024.

Skills

Industrial Core

- Data Structures and Algorithms, Applied Algorithms.
- Computer Networks, Computer Architecture.
- Electronics, Information Theories, Signal Processing.
- Database, Operating system.
- Object-Oriented Programming.
- Software Development Management.
- Machine Learning, Deep Learning, Data Science.
- Software Engineering, UIUX.

Math and Science Knowledge

- Probability and Statistics, Linear Algebra, Calculus.
- Discrete Mathematics, Scientific computing, Basic Physics.

Programming

- Proficient in Python, SQL, C, C++; familiar with Java.
- Scikit-learn, Pytorch.
- Data Visualization: Pandas, Excel, Seaborn, Matplotlib.
- User interfaces: HTML, CSS, Javascript, ReactJS, MaterialUI.
- Developer tool: Github.

Working

- Agile Software Development, Git, Docker.
- Writing: Latex.
- Slide design: PowerPoint, Google Slide, Canva, Excalidraw.
- Adept in time and teamwork management.
- Public speaking and presentation: English, Vietnamese.
- Efficient use of ChatGPT and various engines.

Organizations

Modern Computer Networks and Communications Technology Lab   Sep 2022 − Present
Research Student

- Main research topics: Machine Learning application in Wireless Communications.
- Advisor: [Ph. D. Trinh Van Chien.](#)
- Knowledge Gained: Introduction of Machine Learning, Deep Learning, Communication Engineering.

SOICT Youth Union and Students' Association   Oct 2021 − Sep 2023
Member of the Executive Committee

Awards & Achievements

"SOICT Student Research Conference 2023"   2023
Winning the Consolation Prize. Project ID: CNTT.06

"Student with Five Good Merits" title   2022-2023
Five criteria: good ethics, good learning, good physical strength, good volunteer and good integration.

HUST Academic Scholarship   2022.2
Based on each individual's academic and training achievements in the previous semester.

Languages

Vietnamese   **Korean**
Native   *Intermediate*

English   **Japanese**
Proficient with a C1 IELTS Certificate   *Elementary*