Viet-Long Nguyen

Final-year student in Biomedical Engineering

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○ Github | ▣ Homepage

PERSONAL STATEMENT

I am a highly self-motivated young student with strong perseverance. My research interests include Data Science, AI and their amazing applications in various fields, especially Smart Health.

EDUCATION

Hanoi University of Science and Technology (HUST)   Hanoi, Vietnam

Faculty of Electronics & Telecommunications

Bachelor of Biomedical Engineering – Advanced Program trained in English   *Sep 2019 –Present*

GPA: 3.38/4.0

RESEARCH/WORK EXPERIENCE

Research Assistant   *June 2021 – Present*

Biosignal and Biomedical Image Analysis Lab, HUST

Advisor: Nguyen Viet Dung, PhD – HUST

Work briefing: applying AI and Data Analyzing & Processing in Biomedical Image, organize training course and seminar weekly for junior member.

Artificial Intelligence Intern   *Feb – April 2023*

Samsung Display Vietnam CO., LTD   Bac Ninh, Vietnam

Work briefing: data labeling & preparation and training model for detecting errors, quality control inspection of production lines.

PUBLICATIONS

1. Viet Dung Nguyen, Duy Hoang Ho, **Viet Long Nguyen** and Ngoc Dung Bui, "Modified YOLOv5 for Blood Cell Counting," 2022 RIVF International Conference on Computing and Communication Technologies (RIVF), Ho Chi Minh City, Vietnam, 2022, pp. 83-87. Link

2. Kien Nguyen Phan**, Long Nguyen Viet**, Ngoc Doan Thi Anh, Phuong Do Thi Minh, Hanh Nguyen Hong, Trang Nguyen Thi Minh, Hien Pham Thu, Binh Doan Thanh, Cuong Nguyen Manh, Vu Tran Anh, "Evaluation System For Straight Punch Training: A Preliminary Study" 2023 International Conference on Intelligent Systems & Networks (ICISN), Hanoi, Vietnam 3-2023 **(Accepted)** Link

CONFERENCES AND COURSES ATTENDED

- Speaker in International Conference on Intelligent Systems & Networks, ICISN,   *2023* Hanoi, Vietnam

- Speaker in International Conference on Computing and Communication Technologies   *2022*
  RIVF, Ho Chi Minh City, Vietnam.
- AI for Medical Diagnosis - Coursera Cert   *2022*
- Machine Learning, Deep Learning in Python, OOP In Python – Datacamp   *2021*
- Data Structures and Algorithms Specialization – Coursera   ***Jan 2023 - Present***

HONORS & AWARDS AND EXTRACURRICULAR ACTIVITIES

- **Participant in Scientific Research Contest at HUST** with   *2022*
  "A deep learning-based field employee monitoring and management system" project
- **Academic excellence scholarship** for students with   *2021*
  the highest semester GPA from HUST
- **Award certificate from the University's President**   *2021*
  for excellent students with Youth Activities
- **Award certificate "Student with Five Good Merits"**   *2021*
  by Vietnamese Students' Association
  Good Morals; Good Learning; Good Physical Strength;
  Good Voluntary; Good Integration
- Officer of the Student Union of Hanoi University of Science and Technology   *2020*
- Certificate of excellent completion of major volunteer programs:
  Green Summer, Volunteer Spring,
- Head of External Relations Department of the Advanced Programs Volunteer Club   *2020*
  - Connecting team members and interacting with other Volunteer Clubs
  - Looking for fund-raising activities to support the club

SKILLS

Programming Languages: C++, C#, Python
Libraries & tools: PyTorch, TensorFlow, Keras, Scikit-learn, SQL, Streamlit
Research:
- ML/DL (Computer Vision), Data Analysis
- Experienced in using Linux/Ubuntu, Bash, Git, Github

Languages: Vietnamese: Native | English: 6.5 IELTS
Others: Microsoft Office, Latex, Problem Solving, Critical Thinking and Analysis

REFERENCES

Viet Dung Nguyen, Ph.D
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