Phan Ben
AI Engineer

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Website

GitHub

Career profile

I am an AI engineer. I grew up in a dreamy city and located in central Vietnam on the banks of Huong River. 🎓 I'm currently a senior year student at University of Science and Technology - The University of Danang, majoring in Control Engineering and Automation. 🔭 I am also studying and working on machine learning, deep learning. 🤖 I'm a big fan of Robots! I have participated in many robot competitions such as MiniRobocon 2019, Robodnic 2019, ABU Robocon 2020. I really want to create a robot with artificial intelligence close to human, that's why I decided to focus my research and work in the field of artificial intelligence.

Experience

7/2022 – Now

Vingroup AI Engineer Training Program• AI Engineer • VinBigdata

- Iron Team soft skills training course
- Python data processing and analysis course
- Linear algebra and statistics course
- Machine learning and deep learning courses
- Computer vision course
- Nature language processing course
- Ethics AI course

5/2021 – 7/2022

Internship• AI Engineer • FTech AI

- Image processing
- Deep learning and machine learning

- Generative Adversarial Networks
- Linux operate system

4/2021–7/2022
Vice President• BK-Maker Science Research Club • BK-Maker Lab

- Leadership skills
- Organize course research projects
- Human resource management

6/2020–11/2020
Internship Student• AI Edge • Tapit

- Learn the basics of Deep Learning like linear regression, logistic regression, DNN, CNN,...
- Deep practice of the python programming, and object-oriented procedures
- Research on the sound processor and use the API in python to handle data
- Trained in project management on professional tools and teamwork

12/2019 – 4/2020
Internship Student• Embedded software • Software Danang Center

- Learn about C++ object-oriented programming
- Trained with knowledge of embedded systems and how to program and manage code and clean code
- Learn about Git, manage code, and store code on GitHub
- Build a tracking system IOT to manage bus movements in Danang city real-time
- Communicated effectively with faculty and staff and accepted critiques and suggestions for areas of improvement.

Education

- **Phan Dang Luu High School, Hue Province**
- **Control Engineer Automation at Danang University Of Science And Technology**

Publications

- Deep Learning Framework Applied for Predicting Anomaly of Respiratory Sounds
  The 2021 International Symposium on Electrical and Electronics Engineering (ISEE 2021), IEEE Computer Society, HCMC, 2021

Leadership

- Class president of class 18TDH1 from 2019 to present
- Vice president BK-Maker research science club 4/2021 – 7/2022
- Hold the position of platoon leader in military course

Skill

- Good programming skills as well as OPP
- Deep learning, machine learning
- Cloud service AWS, Azure
- Good Office computer skill (word, excel , PowerPoint)
- English skill
- Teamwork and project management skills
- Have a design thinking in the project

Certificate

- **6/2019:** Coach Le Quy Don high school team participated in the **ROBODNIC 2019** competition, won the technology award.
- **9/2019:** Join the LEX(learning express) program to exchange students with Singapore polytechnic school
- **11/2019:** Participate in the 2019 School-level Scientific Research competition, with the theme of "**Smart Tracking Based On LoRa Technology**", Won technology award.
- **1/2020**: Participated in the Scientific Research Competition of the School delegation in 2020 with the theme "**IoT device positioning and monitoring quality of environment applying LoRa**

technology", won the technology award.

- **4/2020:** Received the certificate of merit from the rector of DUT, a certificate of merit from the university of Da Nang with the theme " **Automatic hand disinfection machine covid 2019**" serving the community in the covid 19.
- **6/2020**: Participate in **ABUROBOCON 2020** held at LacHong University and become the strongest team in the top 6, consolation prize.
- **12/2020:** Participated in the 2021 electrical science research competition, with the theme "**Applying Artificial Intelligence In The Management of LAB**" rooms, won the second prize.
- **1/2021:** Participate in the BK-Techshow 2021 competition to win the third prize in the field of technology with the topic "**Face recognition and detect workspace in offices applying machine learning technology**
- **3/2021:** Received consolation prize for scientific research competition at Ministerial level 2020 with the theme "**Automatic hand disinfection machine covid 2019**".
- **4/2021:** Participate in EPICs 2021 competition in Ho Chi Minh city with the theme **"Smart Box Medicine"**
- **7/2021**: Participate in the **BUIDL ON 2021** contest organized by **Amazon**
- **12/2021** : Entered the **top 20** and **Top 9** Digital Transformation Solutions Contest with **SIMATIC**
- **12/2021:** Participated in the project **Appropriate Technology Class** 2021 - University of Tsukuba - Japan
- **3/2022**: Attend the MEP 2022 engineering project at the **USA embassy**
- **3/2022**: **Won third prize** in Electrical Science Research Competition 2022
- **4/2022: Won Second Prize** in Science Research Competition of University of Science and Technology - University of Danang 2022
- **8/2022:** Certificate of Merit from BKDN University for successfully completing the task as **Vice President of BK-Maker Science Research Club** 2021-2022

Reference

- Phd.Ngo Dinh Thanh – DUT (email : ndthanh@dut.udn.vn)
- Nguyen Van Si – SDC (email : nvsi@sdc.udn.vn)
- Huỳnh Nhật Thương – Tapit