



# BEN PHAN

## Artificial Intelligence Engineer

📍 130 Dien Bien Phu Street, Thanh Khe District, Da Nang City, Viet Nam

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👤 Sex: Male | Date of birth: 01/10/1999 | Nationality: Vietnamese

## OBJECTIVE

- I'm an AI engineer at VinBigdata, where I optimize AI models for monitoring VinFast's manufacturing operations. With my expertise in machine learning and computer vision, I'm passionate about developing cutting-edge AI technologies that can mimic human intelligence. I've competed in several domestic and international robotics competitions, and I'm excited about the potential for AI to revolutionize our lives and shape the future of technology.
- Research interests: Deep Learning, Machine Learning, Computer Vision, Optimization, IoT, Robotics.

## EDUCATION

- **Bachelor of Engineering** **Sep 2018 – Mar 2023**  
*The University of Danang, University of Science and Technology*  
Department of Control Engineering and Automation  
Degree classification: Good  
Position: Class President (2019 - 2023)
- **High School Certificate** **Aug 2015 – May 2018**  
*Phan Dang Luu High School – Hue City*  
Degree classification: Excellent

## RESEARCH EXPERIENCE

- **Publication:**  
- **“Deep Learning Framework Applied for Predicting Anomaly of Respiratory Sounds”** 2021  
*Dat Ngo; Lam Pham; Anh Nguyen; Ben Phan; Khoa Tran; Truong Nguyen*  
2021 International Symposium on Electrical and Electronics Engineering (ISEE), HCMC

## WORK EXPERIENCE

- **AI Engineer - Vingroup AI Engineer Training Program** **July 2022 – now**  
*Vingroup Big Data Institute – VinBigdata – Hanoi*
  - In Phase 1, I learned continuously for 5 months about fundamental AI knowledge such as Linear Algebra, Probability and Statistics, Optimized AI models, Machine Learning, Deep Learning, Data Analysis, and Artificial Intelligence Ethics.
  - In Phase 2, I participated in some projects to optimize AI models for more efficient management and monitoring of VinFast factories.
- **Vice President - BK Maker Scientific Research Club** **Jun 2021 – July 2022**  
*University Of Science And Technology - The University Of Danang*
  - There is a lot of research happening in the fields of artificial intelligence, computer vision, internet of things (IoT), and robotics.
  - Leadership skills and organization of scientific research projects, sharing research knowledge.

• **AI Engineer Internship – FTECH AI**

*May 2021 – Jun 2022*

*FTECH CO., LTD – Danang City*

- Learn the fundamentals of AI, deep learning, and computer vision.
- Get hands-on practice with some basic knowledge of cloud services such as Azure, AWS.
- Practice some engineering skills such as Linux, Docker, DevOps ...

• **AI Edge Internship – TAPIT**

*Jun 2020 – Dec 2020*

*TAPIT ENGINEERING CO.,LTD – Danang City*

- 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.

• **Embedded Software Internship – SDC**

*Dec 2019 – May 2020*

*Software Danang Center – Danang City*

- Trained with knowledge of embedded systems
- Build a tracking system IOT to manage bus movements in Danang city real time.
- Learn about C++ object-oriented programming.

**SKILLS**

- **Language:** English VSTEP B2 is equivalent to 6.0 IELTSs. I'll update my IELTSs certification on May 5, 2023.
- **Technical Skill:** Python, C++, Tensorflow, Pytorch, Sklearn, Numpy, Stochastic programming, AWS ...
- **Soft skills:** Leadership skills, design thinking, teamwork skills, presentation skills.

**SCHOLARSHIPS & AWARDS**

- Scholarship Encourage academic scholarship 2023
- Scholarship for **Vingroup AI Engineer training program** 2022
- **Second Prize** in Science Research Competition of UD-UST 2022
- **Second Prize** in BK-Techshow (UD-UST) 2022
- **Top 20 and Top 9** Digital Transformation Solutions Contest with SIMATIC, **SIEMEN Vietnam** 2021
- Participate in the **BUIDL ON 2021** contest organized by Amazon 2021
- Participated in the project **Appropriate Technology - University of Tsukuba – Japan** 2021
- Received the certificate of merit from the rector of DUT, a certificate of merit from UD-UST with the theme "**Automatic hand disinfection machine covid 2019**" serving the community in the covid 19.
- **Top 6, and creativity award** of the **Asia-Pacific Robot Contest ABU Robocon 2020** 2020
- **LEX( learning express )** program to exchange students with **Singapore polytechnic** 2019

**REFERENCES**

• **NGO Dinh-Thanh, Ph.D**

*Teaching in the Department of Automation - Faculty of Electrical Engineering*

The University of Danang, University of Science and Technology (UD-UST), Vietnam

Division of Electrical Engineering, UD-UST, Vietnam

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• **NGUYEN Hong-Nguyen, M.S**

*Ph.D candidate – Lecturer*

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