

# Nguyễn Bá Dương

AI Engineer Fresher



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## OBJECTIVE

Apply the knowledge of machine learning and deep learning to actual products and efforts to become an AI engineer expert in the next few years. Looking for a worthy place to contribute energy and wisdom in the long run.

## ABOUT ME

- Programming languages: Java, Python
- Languages: English (basic communication)
- Basic knowledge of SQL Server
- Basic knowledge of Machine learning and deep learning
- Experience in research and teamwork
- Have the ability to adapt well to the new working environment
- Open mind, logical thinking, and proactive
- More information: [www.linkedin.com/in/duong-nguyenba-700473196/](https://www.linkedin.com/in/duong-nguyenba-700473196/)

## EXPERIENCES

### FPT University

09/2019 - 11/2019

#### ● *Deep Learning in Semantic Segmentation of Rust in Images*

- **Objectives of the paper:** Identify rust on telecommunications poles.
- **Work assignment:** Labeling, augmentation data, and writing paper.
- The paper was submitted to Fsoft AI Conference (FAIC 7/1/2020).
- The paper was presented at the “9th International Conference on Software and Computer Applications” in Langkawi, Malaysia.
- **Paper:** <https://dl.acm.org/doi/abs/10.1145/3384544.3384606>

### FPT University

05/2020 - 09/2020

#### ● *Mixed-signal generator module*

- **Objectives of the paper:** Design and implementation of mixed-signal generator module.
- **Work assignment:** Researching topics, suggesting ideas, writing paper.
- **Paper:** <http://www.warse.org/IJETER/static/pdf/file/ijeter28892020.pdf>

### FPT University

05/2020 - 09/2020

#### ● *Signal generator module based on CORDIC algorithm*

- **Objectives of the paper:** Design and implementation of signal generator module.
- **Work assignment:** Researching topics, suggesting ideas, writing paper.

<b>FPT University - Graduation Thesis</b> 01/2021 - 05/2021	<ul style="list-style-type: none"> <li>- <b>Paper:</b>  <a href="http://www.warse.org/IJATCSE/static/pdf/file/ijatcse258952020.pdf">http://www.warse.org/IJATCSE/static/pdf/file/ijatcse258952020.pdf</a></li> <li>● <i>Appearance-Motion Co-memory Network for Video Anomaly Detection</i></li> <li>- <b>Objectives of the paper:</b> Proposal a model to improve AUC for anomaly detection task.</li> <li>- <b>Work assignment:</b> Researching topics, suggesting ideas, writing paper, thesis.</li> </ul>
<b>FPT Software</b> 03/2020 - 07/2020	<ul style="list-style-type: none"> <li>● <i>Java Developer</i></li> <li>- Writing migrate data tool by java.</li> <li>- Create API to get data.</li> <li>- Working with Java Spring boot, MySQL.</li> </ul>

## EDUCATION

<b>FPT University</b> 09/2017 - 05/2021	<ul style="list-style-type: none"> <li>● <i>Major: Computer Science</i></li> <li>GPA: 3.25/4</li> </ul>
<b>Coursera</b> 09/2019 - 11/2019	<ul style="list-style-type: none"> <li>● <i>Course: Machine learning</i></li> </ul>
<b>Coursera</b> 2/2020	<ul style="list-style-type: none"> <li>● <i>Course: Neural Networks and Deep Learning</i></li> </ul>

## ACTIVITIES

<b>SSG101</b> 05/2018 - 08/2018	<ul style="list-style-type: none"> <li>● <i>Organizational member</i></li> <li>- Sales fundraising to organize chess events with the scope of FPT University.</li> <li>- Do the referee for the matches.</li> </ul>
<b>IGO - Vòng tay ấm</b> 2017 - 2021	<ul style="list-style-type: none"> <li>● <i>Volunteer</i></li> <li>- Participating in blood donation.</li> </ul>

## CERTIFICATIONS

2018	Certification completed English at FPT University
2019	Machine Learning
2020	Neural Networks and Deep Learning
2020	Python for Everybody Specialization