



# Nguyen Thai Binh

## Machine Learning

### Education

- 2021 - now **PhD student**, *KIT University, Germany*,  
Major: Computer science.
- 2018 - 2019 **Master's degree**, *Hanoi University of Science and Technology, Vietnam*,  
Major: Computer science. Grade 3.8/4
- 2012–2017 **Bachelor's degree**, *Hanoi University of Science and Technology, Vietnam*,  
Major: Information Systems. Grade 3.4/4

### Job Experience

- 10/2021 - **Research Assistant**, *KIT University*  
present
  - Research on distant speech recognition.
  - Teaching Assistant for Speech Processing Class.
- 05/2019 - **NLP Engineer**, *VinBigdata, SLP Group*  
07/2021
  - Developing a Question-Answering System in ViVi Assistant.
  - Adapting Deep Learning Models (e.g., NER, Sentiment Analysis, BERT) for Smartphones.
- 12/2018 - **Lead AI Engineer**, *Vietnam Artificial Intelligent System, NLP Group*  
5/2019
  - Enhancing Speech-to-Text Core Product with a Dynamic Language Model, Vietnam Talent Awards 2019 Winner (IT Category).
  - Designing the Architecture of a Speech Analytics System.
  - Developing a Chatbot Framework for E-commerce Websites.
- 11/2018 - **Lectures**, *VietAI*  
present Teacher at VietAI, a Nonprofit Focused on Machine Learning Education.
- 01/2017 - **Machine Learning Engineer**, *Samsung Vietnam Mobile R&D Center*, Dept. Cloud platform  
11/2018
  - Developing Recommendation and Natural Language Search System for the Galaxy Gift Application.
  - Performing Data Analysis to Monitor Performance, Detect Anomalies, and Improve Efficiency in the Samsung Smartphone Factory Production Line.

### Awards

- VLSP 2021 **Second Award**, by *Vietnamese Language and Image Caption Generation*, 10-2021
- GDE 2020 **Google Developer Expert in Machine Learning**, 02-2020
- VLSP 2019 **First Award**, by *VLSP Conference*, 10-2019, Automatic Speech Recognition
- VLSP 2019 **Third Award**, by *VLSP Conference Conference*, 10-2019, Hate Speech Detection
- Cinnamon **Second Award**, by *Cinnamon*, 11-2018, Handwriting optical character recognition
- Zalo **Technology Award**, by *Zalo Corporation*, 01-2018, Chat-bot sale in E-commerce
- Vietnam AI **E-commerce Application Award**, by *FPT Corporation*, 06-2017, Chat-bot auto sales
- UET **Idea Award**, by *University of Engineering and Technology*, 03-2017, Chat-bot
- Samsung **Samsung talent program**, 05-2016, Samsung talent program certificate for excellent student
- Tokai Kogyo **Tokai Kogyo scholarship**, 01-2016, Tokai Kogyo scholarship for excellent student

### Publications

Google scholar, *Thai Binh Nguyen KIT*