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 - present	**Research Assistant**, *KIT University* ○ Research on robust speech recognition systems under supervisor of Prof. Alexander Waibel, developing algorithms for transcription, audio-visual processing, speaker diarization, attribution, and enhancement.
05/2019 - 07/2021	**NLP Engineer**, *VinBigdata*, SLP Group ○ Developing a Question-Answering System in ViVi Assistant. ○ Adapting Deep Learning Models (e.g., NER, Sentiment Analysis, BERT) for Smartphones.
12/2018 - 5/2019	**Lead AI Engineer**, *Vietnam Artificial Intelligent System*, NLP Group ○ 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 - present	**Lectures**, *VietAI* Teacher at VietAI, a Nonprofit Focused on Machine Learning Education.
01/2017 - 11/2018	**Machine Learning Engineer**, *Samsung Vietnam Mobile R&D Center*, Dept. Cloud platform ○ 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 Kogyou	**Tokai Kogyou scholarship**, 01-2016, Tokai Kogyou scholarship for excellent student

Publications

Google scholar, *https://scholar.google.com/citations?user=fgkoKRgAAAAJ*