

Anh Tu Nguyen

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Education

2016–2021: **Bachelor Engineer Degree**, *Posts and Telecommunications Institute of Technology*, Hanoi, Vietnam.

Major: Information Technology

Programing, Data structures and algorithms, Analysis & design of information systems

Research Experience

Posts and Telecommunications Institute of Technology, Hanoi, Vietnam

2019–present **Legal Text Processing.**

Research and develop neural network architecture to extract information from legal text

Graduate thesis: Extract information from legal question

Advisor : **Dr Ngo Xuan Bach**, *Associate Professor, Vice Dean of Faculty of Information Technology*, Posts and Telecommunications Institute of Technology (PTIT), Hanoi, Vietnam. (*Personal Web-page*)

VinBrain JSC, Vietnam

2021–present **Medical text processing, audio processing.**

Research, develop and apply state-of-the-art neural network architecture, ML algorithm for medical text processing and audio processing

Advisor : **Hoang Vu**, *Head of speech and language processing department*, VinBrain JSC, Vietnam (*Web-page of Company*)

Job Experience

10/2020– **Technology Specialist**, *Vingroup Big Data Institute.*

- 5/2021
- Learning the courses Linear Algebra, Probability & Statistics, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, AI Ethics
 - Work on the Machine Learning course final project 'Vietnamese Text Sentiment Classification'
 - Work on the Deep Learning course final project 'Transferring Images into Vietnamese Traditional Painting Style'

6/2021– **Applied Scientist**, *Vinbrain JSC.*

- present
- Building an automatic radiology report editing system through voice
 - Building a stroke detection chatbot
 - Building a booking appointment chatbot
 - Building a medical equipment registration classification system
 - Building a spelling correction service

Computer skills

Programming Languages Python, JAVA

Frameworks and libraries Pytorch, Scikit-learn, Numpy, Pandas, Matplotlib, Flask

Software Development Programming Paradigms, GIT

Database MySQL

Languages **Native:** Vietnamese, **Fluent:** English

Publications

In Conference Proceedings

- 2021 Manh Hung Nguyen, Vu Hoang, **Tu Anh Nguyen**, and Trung H. Bui. Automatic Radiology Report Editing Through Voice. In *Proc. Interspeech 2021*, pages 4862–4863, 2021.