

# 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  
**GPA:** 3.05/4

## 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, Head of Department of Computer Science, 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

## Computer skills

**Programming** Python, JAVA  
**Languages**

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

**Software Development** Programming Paradigms, GIT

**Database** MySQL

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

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## 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.