Curriculum Vitae

April 2022

Vu Anh

https://momo.vn/

Big Data & AI Department

Phu My Hung Tower, Tan Phu, District 7

Momo

Ho Chi Minh, Viet Nam

anhv.ict91@gmail.com

❖ Experience

Senior Natural Language Processing Research Engineer   *2016-present*

2016-present: **underthesea**   underthesea

Open source Vietnamese NLP toolkit, 950+ github star

2020: Fourth Place in the shared task of Dependency Parsing VLSP'20

Archive 78.58 *UAS* and 70.04 *LAS*

2018: Second Place in the shared task of Sentiment Analysis VLSP'18

Archive 64.2 F_1 in restaurant domain, 58.7 F_1 in hotel domain

2016: Second Place in the shared task of Named Entity Recognition VLSP'16

Archive 85.6 F_1, SOTA in nested NER tag

Lead Research Scientist - AI, Machine Learning   *2021-present*

2021-present: Momo Chatbot Platform   Momo, Viet Nam

Research and develop Conversation AI platform, deep focus on Vietnamese natural language understanding and dialog state tracking system

Big Data & AI Technical Leader   *2021*

2021: VNDirect Datawarehouse & AI System   VNDIRECT, Viet Nam

Design and build data warehouse, develop eKYC system and NLP applications

Data Science Manager   *2018-2020*

2020: NewsAI   OSP, Viet Nam

Build a personalized news recommendation product

2019: YottaData Platform

Develop a big data platform for Telcos and Airlines, win Vietnam Digital Awards 2019

2018: OSP Credit Scoring System

Build a credit scoring system leveraging telecom data and social media data

2018: OSP Customer Insight

Construct user profiles for hybrid recommender system

Solution Leader   *2014-2017*

2016-2017: Social Box   1link, Viet Nam

Build social monitoring system for mining very large data in social media

2014-2015: Big Crawler

Build large scale and flexible crawler framework using Big Data technologies

❖ Education

B.A., Software Engineer   *2009-2014*
Good Certificate   Hanoi University of Science and Technology, Viet Nam

❖ Publications

How MoMo Builds an AI Chatbot   *Momo Technology Blog'2022*
<u>Vu Anh</u>, Hieu Tran, Hang Le, Thinh Nguyen, Mai Nguyen

A System for Aspect Based Sentiment Analysis at VLSP 2018   *VLSP'18*
<u>Vu Anh</u>, Bui Nhat Anh

Named Entity Recognition in Vietnamese using CRF   *VLSP'16*
<u>Vu Anh</u>, Le Minh Tuan, Le Minh Hung

❖ Certifications

CCA Spark and Hadoop Developer Exam (CCA175)   *September 2020-present*
License 100-023-710   cloudera

Deep Learning Specialization   *February 2018-present*
License 384YXEJ89KN6   coursera

Machine Learning   *April 2016-present*
License MNE2P9TPHPSY   coursera

❖ Qualifications

Major languages: Vietnamese, Python, Java, C/C++, Rust, Kotlin
Technologies: Natural Language Processing, Deep Learning, Big Data, Data Warehousing
Libraries and tools: Pytorch, TensorFlow, spaCy, pandas, Spark, Hadoop, Hive