XUAN TRUONG NGUYEN

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○ Github   in LinkedIn

OBJECTIVE

As a Bachelor of Mathematics and Informatics graduated with honors, having over 2 years of experience in NLP Engineering, I want to challenge myself in a larger and more specialized environment.

EDUCATION

Bachelor of Mathematics and Informatics

Hanoi University of Science and Technology   *Aug. 2017 - Jan. 2022*

Graduate with Honor Degree - CPA : 3.2

Master of Mathematics and Informatics

Hanoi University of Science and Technology   *April 2022 - Now*

EXPERIENCE

Vietnam Compare Joint Stock Company   *June 2021 - Now*

NLP Engineer

- Explored and extracted information from a huge amount of products on multiple e-commerce platforms.
- Analyzed user's behaviors to improve company products in product recommendation, product classification.
- Collaborate with product managers and system departure to ensure the effectiveness of NLP solutions.

Dantri Electronic News   *June 2021 - Now*

NLP Engineer

- Communicate with cross-functional teams and stakeholders to understand business requirements and provide technical solutions.
- Develope and implemente text classification, sentiment analysis, and topic modeling algorithms which can be used in near-realtime for millions users.

PROJECTS

Detect anomaly network connection system   *September 2023*

- Designed system from processing pipeline to choosing tech stacks.
- Transformed model built by Data Engineer to deploy in production environment.

Recommend related products system   *January 2023*

- Defined project goals and created a roadmap to ensure progress and effectiveness of the project.
- Led a team in developing a recommendation system which can suggest related products.
- Collaborated with the product team to evaluate model efficiency and make data-driven decisions to improve customer experience.

User-based Recommendation System *October 2022*

- Collected and analyzed users behaviors based on a huge amount of data.

- Developed a near-real time personalized recommendation news system for over 1000 users per second.

- Utilized state-of-the-art model in NLP engineering and other tools such as Neo4j, Redis and Elasticsearch to develop the new system.

- Improved considerably users interaction.

SKILLS

Programming Languages:	Python, Js
Libraries and toolkits:	Numpy, Pytorch, Django, FastAPI, Transformers
Data technologies:	Redis, Elasticsearch, Kafka, RabbitMQ, Neo4j

ACHIEVEMENTS

MLOps Marathon 2023.
Winner

- Sponsored by Techcombank, FPT Software, CMC, AWS, ...

- MLOps Marathon 2023 is the first MLOps competition in Vietnam. The competition is developed from practical experiences and common problems faced by businesses, which will help competitors practice skills to bring AI projects to the real market effectively and efficiently.

BKAI-NAVER Challenge 2022 - Vietnamese Intent Detection and Slot Tagging.
Second Runner-up

- Hosted by BKAI Center, SOICT of Hanoi University of Science and Technology and NAVER with purpose is resolved real problems in Vietnam.

- Developed a detection system which can detect the user's intent and classify entities in requirement of user.

- The proposed model achieved best accuracy rate with 75%.

Zalo AI Challenge 2022 - End-to-End Question Answering.

- An annual contest organized by Zalo with the desire to use AI to resolve concerned problems in Vietnam.

- Utilized state-of-the-art model and tactics to solve problems.

- Enhanced team management skills as well as problem solving abilities.