Contact

www.linkedin.com/in/ndttruc
(LinkedIn)

Top Skills

Python (Programming Language)

C++

Machine Learning

Languages

English

Vietnamese

Truc Nguyen Do Thanh

AI Engineer at Zalo

Ho Chi Minh City, Vietnam

Experience

Zalo

3 years 1 month

AI Engineer
July 2023 - Present (1 year 11 months)
Ho Chi Minh City, Vietnam

Generative AI:

- Static Sticker Generation: zSticker AI Mini App; 2 sticker sets - Bư Mặt Ngáo, Zapy Công Sở

-- Build 10 sticker generation models to create new stickers with mascots from available sticker sets

-- Design prompts for automated generating sticker content

-- Statistic up to the end of 2024:

---- ~2M users try AI stickers

---- ~110K send AI sticker / day

---- ~15K users generate AI sticker / day

-- Create 2 sticker datasets from in-house sticker generation models: Bư Mặt Ngáo, Zapy Công Sở

---- Research and training Diffusion-based models for generating sticker-domain images.

---- Automated pipeline for designing new mascots and creating new sticker datasets.

- Animated Sticker Generation:

-- Research, preprocessing data and training Animated Sticker Models (Image-Text to Video Generation).

Translation:

- Build a Transformer-based bilingual translation model (en <=> vi) integrated to Zalo App.

VMLU Leaderboard:

- Monitor and benchmark up-to-date LLMs of website vmlu.ai - A Vietnamese Multitask Language Understanding Benchmark

Associate AI Engineer
August 2022 - August 2023 (1 year 1 month)

- Build sanity checking models for user selfie images in eKYC system (sunglasses, hat, blur, ...)
- Build sanity checking models for user authentication images in FaceID system (sunglasses, blur, skew...)
- Research language models integrated to ASR System: ngram, RNN-based, Transformer-based neural rescoring, correction models.
- Research models for E2E-ASR: WavLM, Whisper, Wav2Vec 2.0

AI Fresher
May 2022 - August 2022 (4 months)
Ho Chi Minh City, Vietnam

Zalo Tech Fresher Program 2022 - AI Fresher for Zalo AILab Team

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Education

VNUHCM - University of Science

Bachelor's degree, Computer Science, Artificial Intelligence · (2019 - 2023)