

TRAN TRUNG TRUC

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Enthusiastic AI Engineer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of Computer Vision and NLP and training in Data Scientist . Motivated to learn, grow and excel in company.

EXPERIENCE

FPT Software

Data Scientist 09/2020–Current

- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity.
- Implement project Computer Vision, Nature Language Processing.
- Generate data use GAN, Variational AutoEncoders ,..
- Read, understand code AkaOCR to improve, update
- Get involved seminar reinforcement learning, optimizers, transformer for picture process.

FSERVING

Intern AI Engineer 03/2020–05/2020

- Implement virtual dressing room: remove background, detect pose, body measurements calculator
- Study openCV, algorithm machine learning
- Approach Computer Vision

DAC Viet Nam

Developer Python 01/2020–03/2020

- Implement web by framework FLASK
- Familiar environment linux, install CUDA
- Build app by Flutter
- Implement web, app recognition skin diseases

EDUCATION

DA Nang University 2016–2020

Major: Information Technology

PROJECTS

Recognition error of battery

Build model object detection recognition error (foreign objects, bent, cracked, deformation) of battery:

- Gather data use : GAN, augmentation
- Build model one-shot-learning
- Train model, test
- Visualize results

Application product reviews on Lazada, Tiki based on comments

Use model BERT to sentiments analysis based on comments of customers:

- Crawl comment in Lazada, Tiki used BeautifulSoup, Selenium.
- Processing data use regular expression (regex).
- Train model , predict results use pretrain model BERT.

Github : https://github.com/trungtruc123/Review_Product_Lazada

Blog :

<https://viblo.asia/p/su-dung-ai-danh-gia-san-pham-tren-lazadatiki-dua-tren-comment-aWj53b9ol6m>

Application web wrote poetry

Use model GPT-2 to generator poetry (6-8) Viet Nam :

- Crawl data poetry (Truyen Kieu, But Tre, thivien.net,...) from internet sources using Selenium
- Processing data use regex
- Tokenize data use pretrain model PhoBERT
- Fine-tuning model GPT-2
- Implement web demo by framework FLASK

Github : <https://github.com/trungtruc123/Poemtry>

Blog : <https://viblo.asia/p/su-dung-ai-tri-tue-nhan-tao-sang-tac-tho-luc-bat-YW0Zrj3RZQ0>

Application chatbot assistant covid-19 in facebook of hackathon contest

Build chatbot assistant covid-19 support updating news on the number of infected people in the world, how to prevent and hotlines,...

Github : https://github.com/trungtruc123/message_bot_fb

Youtube : <https://www.youtube.com/watch?v=0guSjRHEMK4>

Application web optical character recognition vietnamese (handwritten)

Implement web recognition handwritten vietnamese address

Github : https://github.com/trungtruc123/OCR_FLASK

Marker detection of parking car

Build model keypoint detection of parking car:

- Apply machine learning, albumentations generate 30k images
- Build DataLoader, custom model MSPN
- Train model, test
- Visualize results

Zalo object detection challenge contest

Build model object detection : RestinaNet, EfficientDet for traffic signs : rank 56

SKILLS

- **Vision** : Object detection, key-point detection, anomaly detection ...
- **NLP** : Sentiment Analysis , BERT, GPT-2, ...
- **Data Structure , Database** : MongoDB, MySQL
- **Language** : Python, C, C++, Java, JavaScript
- **Deployment**: Docker, API (Flask, Django)
- **Framework**: Pytorch, Tensorflow

SCHOLARSHIPS AND AWARDS

University scholarship for talented program students	2017–2018
University scholarship for talented program students	2018–2019

INTERESTS

- Write blog share knowledge , experience about AI.
- Participate in discussion about new development in AI techniques
- Build desire projects