TRAN TUAN CANH

AI ENGINEER, PYTHON DEVELOPER

PROFILE

Energetic and passionate AI engineer working towards Deep Learning in Computer Vision and NLP. Aiming to use my knowledge of algorithm, coding, and model development to satisfy the requirements at your company.

SKILLS

Coding Languages
Python, Java

Frameworks/Systems
Tensorflow, Pytorch, ONNX,...

Other tools
Git, Docker, Jenkins, Kafka,..

Platform
Window, Linux

CHARACTER REFERENCES

Ngo Nguyen Trong Dat
AI Engineer,
Dai Phat Solutions, TIKI Corperation
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Manger at ROBERT BOSCH,
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HOW TO REACH ME

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EXPERIENCE SUMMARY

AI Engineer
Dai Phat Solutions | December 2020 to present
- Develop and maintain Real-time Facial Recognition System applying for "Attendance Checking" and "CCTV System".
- Design and develop OCR system for ID card.
- Research and develop new AI technology.

Data Analyst (Intern)
HAHALOLO Company | June. 2019 to October 2019
- Research and Develop a value table to rank feeds in newfeed system based on user's relationship. Therefore, the social network can display more valuable information to end-user and increase user's experience.
- Learned basic data analyst to help explain the data value of user's relationship, applied regression models on the data, and developed python coding skills along with numpy and pandas framework.

OPENSOURCE PROJECTS

Measurement of fetal head circumference based deep learning on 2D ultrasound images
December 2020 to April 2021
- **GitHub:** https://github.com/connortran216/Fetal-Head-Circumferences-HC18
- **Description:** Introduce a segmentation system that can automatically measure the fetal head circumference. The system achieves the mean absolute difference (mm) ± standard of the system (based on HC18
- grand challenge) is 7.15 ±4.33.
- **Tech stack:** Mask RCNN, OpenCV, Ellipse approximation of Ramanujan.

Facial Recognition using MTCNN, Facenet, and SORT
September 2019
- **GitHub:** https://github.com/connortran216/Attendace-Cheking-using Facenet-and-MTCNN
- **Description:** Apply MTCNN to detect human faces and Facenet to extract features from them. Then using classier such as SVM to classify and recognize the specific person. As the result, model can run on real time and recognize who is that person with around 90% confidence.
- **Tech stack:** MTCNN, Facenet, OpenCV, SORT.

EDUCATIONAL TRAINING

Ton Duc Thang University
Bachelor of Science in Computer Science

- Attended from 2017 to present.
- **GPA:** 7.53/10.
- **Relevant Coursework:** Linear Algebra, Statistic & Probability, Calculus, Machine Learning (GPA: 9.3), Artificial Intelligence (GPA: 8.1).
- **Online Courses:** “Machine Learning” by Andrew Ng in Coursera, “Learning How To Learn” by McMaster University & University of California San Diego
- **Strengths:** Mathematics, Machine Learning, Deep Learning.

SOFT SKILLS & CHARACTERISTIC

Languages Proficiency:

- English: Advanced (IELTS 6.5, TOEIC 800)
- Vietnamese: Native speaker

Social Ability:

- Negotiation & Conflict Resolution
- Teamwork
- Communication & Presentation