

DANG HUYNH TRUNG TIN

Data Engineer

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Ho Chi Minh City, Viet Nam

TinDang

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"I just believed what things I understood. If not, make it clear."

As a Data Engineering, I am not just preparing data to make the report. I know how to make a story from data, solving the problems of the business base on collected data. So, I help business owners listen to their stories, and make consult with the best operators.

EXPERIENCE

Data Engineer / Senior Data Engineer

Vietmoney Corp

Mar 2021 – Present

Ho Chi Minh City, Vietnam

Viet Money is committed to providing fast and convenient financial solutions in the online trading environment. Now, to get a loan in cash is never easier than when you only connect to the internet to sign up to us, cash will be served right at home.

- Design and implement processes to acquire and store discrete data sets in a data platform for further processing.
- Build a data analytics platform for analysts, data engineers, and scientists to uncover hidden patterns, correlations, and valuable business insights to improve strategic business KPIs.
- Develop a platform by combining technologies, applications, and practices to collect, integrate, analyze, and present business information that supports better decision-making.
- Manage the overall flow of data moving in different directions and schedules, ensuring application performance, availability, and underlying security.
- Prepare data for ML models and ad-hoc data requests of stakeholders by utilizing a range of technologies.
- Design, maintain and update reporting, and model impact tracking dashboard.
- Demonstrate strong problem-solving skills and an ability to work collaboratively with other teams to deliver high-quality data solutions.

Achievements:

- Distributed Crawling System.
- Anomaly Second-hand E-commerces price detection service.
- Extract entities service in Vietnamese Second-hand E-commerces.
- Forecasting price of Second-hand E-commerces service.
- Clustering Second-hand E-commerces based on the description.
- Business Management Dashboards.

Mentor

Mindx Technology School

May 2023 – Present

Ho Chi Minh City, Vietnam

EDUCATION

High-Quality Bachelor's in Computer Science

Ton Duc Thang University

2015–2019

HCMC

- College graduation ratings: Very good

CERTIFICATES

Data Analytics A-Z with Python

Yaswanth Sai Palaghat

Dec 2020

HCMC

Machine Learning A-Z™: Hands-On Python & R In Data Science

Kirill Eremenko, Hadelin de Ponteves, Ligeny I Team, SuperDataScience Support, Ligeny Team

Dec 2020

HCMC

Computer Vision with Python

Code Warriors, Kaustubh Tripathi

May 2022

HCMC

Agile Software Development with Scrum

Axon Active Vietnam Company.

2017

HCMC

LANGUAGES

English



SKILLS

Research

Learning

Problem-solving

Critical thinking

Responsibility

Analytical

Team work

As a Data Analysis mentor, I guide and support individuals interested in pursuing a career in data analysis. This involves sharing personal career experiences, inspiring and encouraging mentees, and providing a roadmap to success. In addition to sharing experience, the author also helps mentees develop the necessary technical skills to become successful data analysts, including teaching them how to explore data insights and use them to inform decision-making. Emotional support is also a critical aspect of mentoring, providing a supportive environment where mentees can discuss challenges and receive guidance and encouragement.

Visiting Lecturer

Ton Duc Thang University

📅 Feb 2022 – Jul 2022

📍 Ho Chi Minh City, Vietnam

As a visiting lecturer, I have taught students in TDTU how practicing to apply design patterns that are proven solutions to a common problem in the development project process. Another side, students have discussed tech life and coding experiences, etc.

AI Engineer

Dai Phat Solutions Co., Ltd

📅 Aug 2019 – Mar 2021

📍 Ho Chi Minh City, Vietnam

Dai Phat Solutions is a unit operating in the field of Information Technology, providing Operational Management solutions for all types of businesses from standard to specialized.

- Research, design and maintain AI/ML projects as services.
- Designing and developing Face Recognition Project with optimizing infrastructure.
- Optimizing process video and image with FFMPEG Library for Computer Vision real-time inference.
- Applying distributed system design for scale-up, auto fault-tolerant, and concurrency process.

PROJECTS

Forecasting secondhand product price service – Vietmoney Corp

Developer

Forecasting secondhand e-commerce price service that help business operators make decisions to control inventory.
Python, SKLearn, Pytorch, Bert, Prophet, Faiss...

Applied DL/ML For Anomaly Sale Detection – Vietmoney Corp

Developer

Multiple projects stacking to process anomaly sale articles for improving the performance of appraisal service.
Python, SKLearn, Pytorch, Bert...

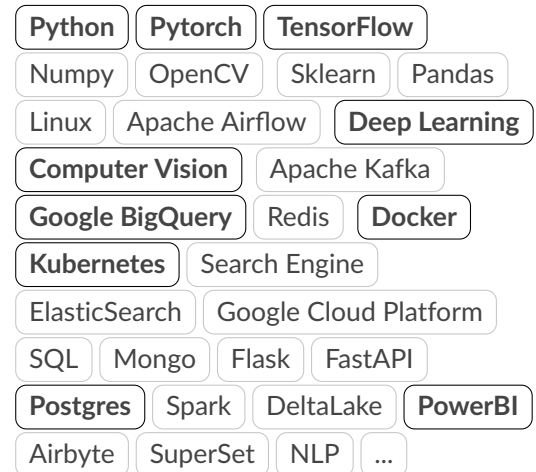
Named Entity Recognition for Vietnamese Secondhand E-commerce – Vietmoney Corp

Developer

Applying Named-Entity Recognize model for Vietnamese second-hand trade news.
Python, Pytorch, Bert...

Face Anti Spoofing – Vietmoney Corp.

Technical & Tools



Developer

🔗 <https://github.com/vietmoney/face-anti-spoofing>

Pure Python - Face detection & anti-spoofing. Support Web API & Command-line interface.

Python, Pytorch, FastAPI, python-click, ...

Distributed Crawler System – Vietmoney Corp.

Developer

🔗 <https://gambaru.io/en/blog/distributed-crawling-system-la-gi>

Crawling E-commerce product data from variate web sources by a distributed system.

Python, Scrapy, Splash, Google PubSub, Google Cloud Services, JMESpath, FastAPI, Mongo, Kubernetes, Pydantic,...

CameraAI – Dai Phat Solutions

AI Developer & Software Architect

🔗 <https://dps.com.vn/san-pham.htm/products/doanhnghiep>

The project has been implementing state-of-the-art models to improve CCTV security levels in the industry. It can make an alert when any abnormal activity in the security zone. The project's features are human detection, face recognition (recognizing strangers and employees), human activity, and tracking multi-human locations. Also, it can be adapted to large-scale, distributed, and high computing power. It's built fit with business logic.

Python, Pytorch, RetinaFace, InsightFace, Apache Kafka, Redis, Numpy, OpenCV, Dlib, Docker, Faiss, FFmpeg, PostgreSQL, ZMQ, Blosc, TurboJPEG, Socket.io

Face Recognition – Tin Dang

Project Owner

🔗 https://github.com/TinDang97/face_recognition

The project is a simple face recognition tool, which combines state-of-the-art Computer Vision Model in Face Detection, Face Embedding.

Python, Pytorch, Numpy, OpenCV, RetinaFace, InsightFace

Real-Time Human Detection CCTV – Tin Dang

Project Owner - "Arctic Code Vault Contributor - by GitHub"

🔗 <https://github.com/TinDang97/Real-Time-Human-Detection>

Nowadays, CCTV is used by people at home, in garages, and front stores,... and one of the important features is Motion Detection at night. That improved by detecting humans in the frame in real-time.

Python, YOLOv3, OpenCV

ffmpeg-py – Tin Dang

Project Owner

🔗 <https://github.com/TinDang97/ffmpeg-py>

ffmpeg-py is a native Python interface for FFmpeg and supports data IO handle.

Python, FFmpeg
