THE KHOI NGUYEN

AI Engineer Intern

Thu Duc City, Ho Chi Minh City, Viet Nam

📞 0901-954-436 ✉ nguyenthekhoig7@gmail.com 🔗 nguyenthekhoig7 ⭘ nguyenthekhoig7

Education

FPT University Sep. 2020 – December 2023
Bachelor of Artificial Intelligence, GPA 9.0 *Ho Chi Minh, Viet Nam*
- 100% tuition fee scholarship.

Luong Van Chanh High School for the Gifteds 2017 – 2020
Chemistry Major, GPA 9.3 *Phu Yen, Viet Nam*
- 2 Silver Medals in the 30/4 Olympic Contest.

Experience

Gradients Technologies Sep. 2022 – January 2023
AI Engineer Intern *Ho Chi Minh, Viet Nam*
- Researched and fine-tuned Transformer models.
- Implemented bucket processing in data loading, from scratch.
- Implemented OOP in source code managements.

Prizes and Awards

IELTS Academic Dec. 2019 – December 2021
- Overall: 7.0 (Scored 9.0 on Reading skill).

Projects

Object Recognition and Counting Based on CNN | *Python, Roboflow, YOLO, Pytorch* Sep. 2023 - Dec. 2023
- Collected, and annotated dataset.
- Experimented models and algorithms on small object detection.
- Finetuned YOLO models to perform recognition and counting.

Receipt Information Extraction | *Python, Opencv, Tkinter* Mar. 2023
- Image Processing: Detected edges, cropped and warped perspective the receipt in an image.
- Python Development: Developed a Python Tkinter tool for our team to label data manually.

Fall Detection Web app with API | *Python, Opencv, Mediapipe, Support Vector Machine (SVM), Heroku* Jun. 2022
- Deployed the app onto Heroku and create an API using FastAPI.

Car Price Predicting Model | *Python, Scikit-learn* May 2022
- Cleaned data.
- Trained a Random Forest Regressor model.

Relevant Courseworks and Certificates

- Big Data
- Digital Image Processing
- Deep Learning
- Data Structures and Algorithms
- Database Systems
- Object-Oriented Programming
- Advanced Algorithms
- Google Data Analytics

Technical Skills

Languages: Python, SQL.
Version Control Tools: Github.
Technologies/Frameworks: Tensorflow, Pytorch, Scikit-Learn, Numpy, Pandas, Latex.

Extracurricular

TEDx FPTU HCMC 2021 Spring 2021
Event Organizer Collaborator *Ho Chi Minh, Viet Nam*
- Greeted attendees.
- Set up the revenue and prepared the tea break, in a team.