Nguyễn Hoàng Anh Tuấn
AI Engineer

Profile

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🔗 https://github.com/anhtuan1452

Education

UNIVERSITY OF ECONOMICS(2022 - 2026)
THE UNIVERSITY OF DA NANG

Management Information Systems – MIS

- GPA: 3.39/4.0
- Awarded academic scholarships for 2 recent semesters
- Participated in ICPC Asia Pacific 2023-2024

Technical Skills

PROGRAMMING LANGUAGES

C#, C++, Java, JavaScript, Python

DATABASES

SQL SERVER, MySQL

CLOUD PLATFORMS

AWS, Azure, Google Cloud Platform, Alibaba Cloud.

TOOLS & TECHNOLOGIES

Git, GitHub, GitHub Copilot, ChatGPT, Postman, Django, Flask, Note.js.

SOFTWARE DEVELOPMENT

OOP, Clean Code

Project

FACETIMELOG   2023 - 2024

Key Contributions:

- Captured real-time face images via webcam, detected faces in the frame, extracted embeddings using a deep learning model (Facenet), and identified users via SVM classifier.
- Automated face data collection with a custom script (input_image.py).
- Preprocessed images with MTCNN for alignment and normalization.
- Trained and evaluated facial recognition model using Facenet embeddings and scikit-learn SVM.
- Built a complete pipeline for face detection, embedding generation, and classification.

Technologies & Tools:

- Languages: Python
- Deep Learning: TensorFlow, Facenet
- Computer Vision: OpenCV, MTCNN, imutils
- Machine Learning: scikit-learn (SVM), pickle
- Others: numpy, matplotlib, Pillow, requests, psutil, imageio, scipy
- Development Tools: Visual Studio Code, Git

https://github.com/anhtuan1452/FaceTimeLog

ENGLISH_MRLAM   1/2025 - Now

Project Description:

- Developed backend using Django for assignment grading and quiz modules.
- Added management of class and course-related information and built an efficient e-learning system.
- Built secure payment flow for offline course enrollment.
- Integrated Django ORM for efficient database querying.
- Designed responsive frontend using HTML, CSS, and JavaScript.
- Optimized performance and ensured system security.

Technologies & Tools

- Languages: Python, HTML, CSS, JavaScript
- Database: PostgreSQL, Django ORM
- Architecture: MVC
- Tools: Django, Git, Stripe, Bootstrap, Visual Studio Code

https://github.com/didudua/English_MRLam

Certifications

AWARDS

12/2024	Honorable Mention in the 2024 Vietnam Student Informatics Olympiad (Non-IT Major)
12/2024	Recipient of the 'Prize for Student of 5 merits' Title at the University Level

LANGUAGE

7/2024	Toeic - 465