Nguyen Tin Tin Do

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PROFESSIONAL SUMMARY

Computer Science major with a Data Science minor, specializing in **Artificial Intelligenc**e and **Deep Learning**. Skilled in Python, TensorFlow, PyTorch, and OpenCV, with hands-on experience developing real-time face and object recognition systems using **neural networks** and **computer vision** techniques. Passionate about building and deploying intelligent visual systems as an aspiring **AI Engineer**.

EDUCATION

Drew University   Madison, New Jersey
Bachelor of Science in Computer Science | Minor: Data Science | GPA 3.7/4.0   Expected Graduation: *May 2027*
Merit Scholarship, $15,000 (Fall 2025 – Spring 2026) awarded for GPA ≥ 3.5
Relevant Coursework: **Artificial Intelligence**, **Data Science**, **Database Systems**

PROJECTS

Drew University   Madison, New Jersey
Face Recognition via Webcam, Images, and Videos   *August 2025 – October 2025*
- Developed a **real-time face detection and recognition system** using **OpenCV** and **Haar Cascade classifiers**, achieving **over 95% detection accuracy** on a custom dataset.
- Integrated **webcam input** for **live identification and annotation** of human faces, maintaining **30FPS** on a standard CPU and **60FPS** on a standard GPU.
- Implemented **face tracking and recognition** in both images and videos with **optimized frame-by-frame processing**, reducing latency by **~25%** after model tuning.

API Testing & Coding Projects   *August 2024 – September 2024*
- Tested APIs using **Postman** and **FastAPI**; managed version control with **Git**, **GitHub**, and **Bitbucket**.

Data Analysis & Visualization   *June 2023 – Present*
- Analyzed datasets with **Python**, **Jupyter Notebook**, **JupyterLab**, and **Google Colab**.
- Queried and processed data using **PostgreSQL** to extract insights for reporting.

WORK EXPERIENCE

Freelance AI Developer / Independent Researcher | Remote   *August 2025 - Present*
- Built and deployed an object detection system using **YOLOv5** and **OpenCV** for real-time recognition tasks.
- Collected, cleaned, and visualized datasets using **Pandas**, **Matplotlib**, and **Seaborn** to extract meaningful insights.

Freelancer – Social Media Content Creator | Remote   *January 2021 – May 2025*
- Managed and developed multiple social media accounts: **TikTok** (22K followers, 17K likes, 2M+ views), **Instagram** (12K followers, 1K views), **Threads** (1K followers), **Facebook** (18K followers).
- Produced and edited multimedia content (videos and images) to enhance engagement and audience retention, increasing average view duration by **25%** across TikTok and Instagram.

LEADERSHIP AND ACTIVITIES

Founder & Volunteer English Instructor | Self-Initiated Projects   *May 2023 – May 2025*
- Founded and managed two free English learning platforms on Facebook: *"English Free By Mr. TinTin" and "English Guidance for Beginners – Foundation to Advanced FREE By Mr. TinTin" (900+ followers)*.
- Delivered engaging English presentations and provided online tutoring in English and Mathematics.
- Organized and led weekly online sessions, mentoring six learners to improve English communication.

TECHNICAL SKILLS

Programming & Data Science: Python, R, Java, C++, TypeScript, JavaScript, HTML, CSS, SQL (PostgreSQL)
Libraries & Tools: NumPy, Pandas, SciPy, Matplotlib, Seaborn, TensorFlow, Scikit-learn, OpenCV, PyTorch, Keras, YOLO, Streamlit
Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket, Docker, Postman
Cloud & Deployment Platforms: Google Cloud Platform (GCP), Microsoft Azure
Development & Analysis Environments: Jupyter Notebook, VS Code, Anaconda, Google Colab, Sublime Text, PyCharm, Kaggle

OTHER SKILLS

Productivity Tools & Collaboration: Google Workspace, Microsoft Office
Soft Skills: Teamwork, Communication, Critical Thinking, Problem Solving
Creative & Media Tools: CapCut, Adobe Photoshop, Canva
Languages: English (Proficient), Vietnamese (Native), Spanish (Basic)