

TRAN NAM ANH

DATA SCIENCE | DATA ANALYSIS • MACHINE LEARNING • VISUALIZATION

Go Vap District, Ho Chi Minh City, Vietnam

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Data Science student with a strong foundation in data analysis, visualization, and machine learning. Experienced in cleaning and analyzing real-world datasets to uncover business insights and improve decision-making. Skilled in Python, SQL, and statistical modeling with hands-on experience in building predictive models and automation tools. Passionate about applying data-driven solutions to solve real problems and continuously expand technical expertise.

SKILLS

- Programming: Python, R, Java, SQL
- Data Tools: Pandas, NumPy, Scikit-learn, Power BI, Excel
- Database: MySQL, SQLite
- Visualization: Matplotlib, Seaborn, Plotly
- Others: GitHub, Figma, Microsoft Apps, Canva, Notion, Kaggle

EXPERIENCE

#1. Khai Tam Education Centre

Aug 2023 - Present

- Organized and maintained the student database using Excel to improve accuracy and speed by 20%.
- Improved a tracking Excel system for tuition and attendance, reducing manual errors in reports.
- Designed outreach strategies to strengthen connections with students across Ho Chi Minh City.

#2. Vice Lead Chapter — Google Developer Group on Campus (GDGoC)

Aug 2025 – Present

- Coordinated technical events on topics such as web development and AI, reaching 100+ students.
- Led club members to organize coding bootcamps and speaker sessions with industry professionals.
- Collaborated with other GDG clubs and local tech communities to enhance student engagement.
- Encouraged peer learning in cloud, AI, and data technologies through campus events.

PROJECTS

#1. Blood Donation Management System

Mar 2025 – June 2025

- Built a full-stack Java & React web app with MySQL for donor and blood bank management.
- Designed normalized ERD, implemented JDBC-based backend, and integrated RESTful APIs with Next.js frontend.
- Added authentication, CRUD features, and optimized SQL queries for real-time data.

Tech stack: Java, MySQL, JDBC, Next.js (React), HTML, CSS, GitHub

#2. Sales Insight Analysis for Café Business — Data Analysis & ML

Feb 2025

- Conducted end-to-end data cleaning, EDA, and visualization for café sales data (10,000+ records).
- Achieved high-quality data cleaning (95% usable data retained).
- Identified sales trends, customer behavior, and product performance through dashboards and charts.
- Built and evaluated a predictive model to estimate future sales.

Tech stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook

#3. Self-Supervised Domain Adaptation for Skin Lesion Classification — Ongoing Oct 2025 - Present

- Built a SimCLR-pretrained and DANN-adapted pipeline for cross-domain skin lesion classification. Achieved more 2% target-domain improvement compared to standard SSL fine-tuning, demonstrating effective domain alignment under distribution shift.

Tech stack: Python, PyTorch, SimCLR, DANN, Kaggle

EDUCATION

Gia Dinh High School, Vietnam

Sep 2020 - Jun 2023

- GPA: 9.2 / 10
- Graduated Score: 25.2 / 30
- Competency assessment score: 820 / 1200

International University of Ho Chi Minh City, Vietnam

Sep 2023 - Present

Computer Science and Engineering University

- Coursework: Data Science, , Machine Learning, Database Management, Data Visualization
- GPA: 3.43 / 4

ADDITIONAL INFORMATION

- **Languages:** Vietnamese (Native), English
- **Soft Skills:** Problem-solving, Communication, Leadership, Critical Thinking, Collaboration
- **Certifications:** Google AI Essentials (Coursera), Google Data Analytics (Coursera)
- Currently pursuing advanced certification in Machine Learning and SQL optimization.