

# Truong Tien Anh

+(84) 982 619 731 | [truongtienanh16@gmail.com](mailto:truongtienanh16@gmail.com) | [portfolio.com/trgtanh](https://portfolio.com/trgtanh) | [github.com/trgtanh04](https://github.com/trgtanh04)

## EDUCATION

---

**University of Science - VNUHCM**

*Bachelor of Science in Data Science and Computer Science*

Oct. 2022– Present

*Current GPA: 3.7/4.0*

## CAREER OBJECTIVE

---

I am a third year Computer Science student with a passion for data science, machine learning, and big data. I am looking for an internship or job opportunity as a Data Engineer or Data Scientist to apply my skills to real-world problems and grow through hands-on experience.

## SKILLS

---

**Programming Languages:** Python, SQL, JavaScript, C/C++

**Data Science & ML:** Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn, Plotly

**Data Engineering:** Apache Hadoop, Spark, Airflow, Kafka, PostgreSQL

**Cloud & DevOps:** AWS (S3, Glue, Redshift, Athena), Docker, Git/GitHub, MongoDB Atlas, Neon Cloud

## CERTIFICATION & BLOG

---

**TOEIC:** 810/990

**My portfolio:** [portfolio.com/trgtanh](https://portfolio.com/trgtanh)

## PROJECTS

---

### End-to-End MovieDB

February 2025 – Present

- **Key Technologies:** Apache Airflow, Spark, Kafka, HDFS, PostgreSQL, Streamlit, Machine learning
- **Description:**
  - \* Developed a complete data pipeline to crawl, process, and analyze movie data for powering a recommendation web app.
  - \* Crawled movie information and transformed it into structured JSON format.
  - \* Stored raw data in HDFS; used Spark for data cleaning and preliminary analysis.
  - \* Integrated Kafka and Airflow to orchestrate and trigger ETL workflows.
  - \* Loaded processed data into PostgreSQL, deployed on Neon for cloud-based access.
  - \* Built a prediction model for movie pricing and a Streamlit app for personalized recommendations.
- **GitHub:** [github.com/trgtanh04/End-to-End-MovieDB-Data-Engineering](https://github.com/trgtanh04/End-to-End-MovieDB-Data-Engineering)

### Mobile AWS Pipeline Engineering

March 2025 – Present

- **Key Technologies:** AWS (S3, Glue, Athena, Redshift), Docker, Apache Kafka, Spark, PostgreSQL, Machine learning
- **Description:**
  - \* Built an AWS-based data pipeline to support a mobile recommendation system and price prediction model.
  - \* Crawled and ingested mobile phone data using Kafka, with event logs stored in PostgreSQL.
  - \* Processed streaming data in real time with Spark and stored outputs on S3.
  - \* Automated data cleaning via AWS Glue; queried processed data using Athena and Redshift.
  - \* Improved data processing speed by 30–50% through optimized infrastructure and parallel processing.
  - \* Designed dashboards to visualize key insights for decision-making.
- **GitHub:** [github.com/trgtanh04/Mobile-AWS-Pipeline-Engineering](https://github.com/trgtanh04/Mobile-AWS-Pipeline-Engineering)

### Movie Recommender System

December 2024 – Present

- **Key Technologies:** Python, Matplotlib, Scikit-learn, Streamlit
- **Description:**
  - \* Cleaned and analyzed movie data from Kaggle.
  - \* Extracted features and applied cosine similarity for movie matching.
  - \* Implemented a recommendation system using collaborative filtering.
  - \* Developed a Streamlit web app for personalized recommendations.
- **GitHub:** <https://github.com/trgtanh04/Movie-Recommendation-System>