

Trinh Nhat Huy

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Education

University of Science and Technology of Hanoi
BSc in Information and Communication Technology

2023 – expected Aug 2026

- **Cumulative GPA:** 15.42/20 (3.08/4.0)
- **USTH Merit Scholarship** for Student in Academic Year 2023 – 2024: A4 (40% of Tuition Fees)
- **Coursework:** Machine Learning, Web Development, Project Management

Projects

Tank Game - Collaborative Developer
(github.com/TrinhNhatHuy/TankGame)

Apr 2025-present

- Co-developed a Python-based 2D game using pgzrun (Pygame Zero) with features like boss battles, power-ups and dynamic obstacles...
- Designed game mechanics (e.g., collision detection, score tracking) and implemented OOP principles for modular code.
- Collaborated remotely via GitHub: reviewed pull requests, resolved merge conflicts, and maintained documentation.
- **Tools:** Python, Pygame Zero, Git.
- **Skills Gained:** Game development, version control, pair programming, debugging.

Movie Recommendation System - Team Leader
(github.com/TrinhNhatHuy/MachineLearning1)

Apr - May 2025

- Led a team of 5 to design and implement a machine learning system that predicts user preferences and suggests similar movies based on genre.
- Preprocessed a raw movie dataset (10,000+ entries) using Pandas, applied TF-IDF vectorization for feature extraction, and trained a Random Forest Classifier (85% accuracy).
- Utilized content-based filtering to improve recommendations; presented findings to peers and instructors.
- **Tools:** Python, Scikit-learn, Pandas, NumPy
- **Skills Gained:** Machine learning pipelines, teamwork, project leadership, data preprocessing.

Skills

Languages: Python, Java, C, HTML/CSS, JavaScript.

Tools/Frameworks: Git, VS Code, Pygame Zero, Scikit-learn

Soft Skills: Team Leadership (led 5-member ML project), Problem-solving, Self-taught

Foreign Language:

- English (C1): IELTS - 7.0
- French (A2)

Objective

"Aspiring Information Technology student passionate about problem-solving and building real-world projects. Seeking a tech internship to leverage my Python and machine learning skills in developing practical solutions."