

# Duc Tai Dinh

Thu Duc, HCMC | [ductai.dt05@gmail.com](mailto:ductai.dt05@gmail.com) | [github.com/ductai05](https://github.com/ductai05) | [linkedin.com/in/ductai05](https://www.linkedin.com/in/ductai05) | [ductai05.is-a.dev](https://ductai05.is-a.dev)

## EDUCATION

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### University of Science, VNU-HCM

*Bachelor's of Science, Artificial Intelligence*

Thu Duc, HCMC

Aug 2023 — May 2027

- Cumulative GPA: 8.76/10.0 | Vu A Dinh Scholarship
- Relevant Coursework: Calculus, Linear Algebra, Discrete Math, Combinatorial Math, Statistics, Programming for AI, Data Structures and Algorithms, Computer Networking.

### Bao Loc High School for Gifted

*High School Diploma, Mathematics Specialization*

Bao Loc, Lam Dong

Aug 2020 — Jun 2023

- Cumulative GPA: 9.0/10.0 | Six-Semester Incentive Scholarship
- Award: First Prize in Mathematics - Provincial-level Excellent Students Contest Grade 12

## PROJECTS

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### Back-end Developer, Control Computer via Gmail ([github.com/ductai05/socket](https://github.com/ductai05/socket))

Nov 2024 — Dec 2024

- [C++] Controlling a cluster of server computers in a LAN from a client machine, utilizing cURL and Winsock, with communication between the client and the server network facilitated through Gmail using IMAP, SMTP, and Sockets.

### UX/UI Designer, Front-end Developer, Maze Game ([github.com/ductai05/S2Y1\\_MazeGame](https://github.com/ductai05/S2Y1_MazeGame))

Nov 2024 — Dec 2024

- [Python] Maze Pathfinding Game, Implemented Using BFS for Maze Generation and A\*, BFS, and DFS for Pathfinding.

## EXTRACURRICULAR ACTIVITIES

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### Participated in the Final Round of the 5th AI Challenge Ho Chi Minh City 2024

Jul 2024 — Dec 2024

- Theme: "Event retrieval from visual data". Team WATLERE achieved top #30.
- Researching, selecting, fine-tuning suitable AI models. Designing and building a data pipeline to handle data preprocessing, transformation, and feature engineering.

## ACHIEVEMENTS & CERTIFICATIONS

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### Mathematics for Machine Learning Specialization, DeepLearning.AI

Mar 2024

### Machine Learning Specialization, Stanford University & DeepLearning.AI

Feb 2024

### VSTEP level 4, English B2 CEFR, Ho Chi Minh University of Social Sciences and Humanities (USSH)

Sep 2023

### First Prize in Mathematics

Mar 2023

- Provincial-level Excellent Students Contest Grade 12, Lam Dong 2023
- Issued by Director of the Department of Education and Training of Lam Dong Province

### Academic Proficiency Test 2023 - VNUHCM

Mar 2023

- Score: 1012/1200, top 0,244%. Issued by Vietnam National University Ho Chi Minh City

## SKILLS

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- **Programming Languages:** Python, C/C++, R, Matlab
- **Technologies:** Git, Github, Anaconda, CMake, Electron, Typst, LaTeX
- **AI Libraries:** Numpy, Pandas, TensorFlow, PyTorch, Keras
- **Languages:** Vietnamese (native), English (B2)