Nguyen Trung Duc

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Education

- **University of Science - VNUHCM**   Aug. 2021 – 2025 (expected)
  Bachelor of Science in Mathematics and Computer Science   *Ho Chi Minh City, Vietnam*
  - **Current GPA:** 8.42/10 (3.6/4)
  - **Relevant coursework:** Data Structures and Algorithms, Discrete Mathematics, Statistical Data Processing, OOP, Numerical Method in Optimization, Digital Image Analysis and Processing, Introduction to Artificial Intelligence, Pattern Recognition, Numerical Linear Algebra, Algorithmic Number Theory, Algorithm Analysis, Stochastic Processes, Machine Learning, Data Mining

Skills

- **Programming Languages:** Python, JavaScript, R, C++, Julia, SQL
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn
- **Web:** HTML, CSS, Requests, Beautiful Soup, Selenium, Flask
- **Others:** Git, LaTeX, Vim, WSL, Docker

Activities

- **A CIMPA school on Applied Number Theory** ↗   Jun. 2024
- **Summer school in Data Science** ↗   Aug. 2023
- **Summer school on Bayesian statistics and computation** ↗   Jul. 2023
- **Google Developer Student Clubs - HCMUS** ↗   Nov. 2022 – Aug. 2023
  AI and Machine Learning specialist
  - Prepared materials for Session 5: Git in the Zone in cs101 workshop
- **Road to Data Science project** ↗   Nov. 2021 – Mar. 2022
  Content writer on Linear Algebra

Honors and Awards

- **National Program for the Development of Mathematics 2021–2030 Scholarship** ↗   2023 – 2024
- **Excellent Student - City Level, Grade 12, Third prize in Maths**   2021

Projects

- **English learning system** ○   Python, asyncio, logging
  - Use Async/Await to speed up crawling speed, logging to log crawling results
  - Interact with Notion's database using API
- **Musyc player** ○   Python, Flask
  - Music player web app, built with Flask
- **ngntrgduc.github.io** ○   Hugo
  - Personal blog about Maths, CS, and other interesting topic
- **Dictionary Look Up** ○   HTML, CSS, JS
  - Browser extension to look up English vocabulary faster

Certifications

- **Vietnamese standardized test of English Proficiency (VSTEP 3-5)**   Jul. 2024
  - Score: 6.5/10 (B2)
- **Coursera:** Machine learning
- **HackerRank:** Problem Solving (Basic), SQL (Basic)