

# 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:** 8.55/10 (3.6/4)
  - **Relevant coursework:** Data Structures and Algorithms, Statistical Data Processing, OOP, Numerical Linear Algebra, Pattern Recognition, Algorithmic Number Theory, Algorithm Analysis, Stochastic Processes, Machine Learning, Data Mining, Data visualization, Financial Mathematics, Financial and monetary theory

## Skills

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

## 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

- **Scholarship for Math Major Undergraduates** ↗ 2023 – 2024
- **Excellent Student - City Level, Grade 12, Third prize in Maths** 2021

## Projects

- **Handling Missing Data** 🔗 Python, scikit-learn, Pytorch  
*Seminar coursework*
  - Researched on NeuMiss networks, handle missing data in linear regression problems
- **Musyc player** 🔗 Python, Flask
  - Music player web app built with Flask
- **instagram-downloader** 🔗 Python, Selenium, Beautiful Soup
  - Instagram images downloader using Selenium
- **Get Info GitHub** 🔗 Python, requests
  - Crawl repositories, starred, gists of a user on GitHub
  - Reduced crawling time by switching from REST API to GraphQL

## 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)