NGUYEN XUAN THANH

Software Developer

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ACHIEVEMENTS

Place 18 in a Codeforce event
https://codeforces.com/bestRatingChanges/6152089

Three-month Try-HackMe journey
https://tryhackme.com/p/newBie

8.0 IELTS on December 2021
https://shorturl.at/Go7eb

STRENGTHS

Hard-working
Eye for detail
Patient & Understanding
Curiosity

Software Development
Reverse Engineering
Machine Learning

SKILLS

C++, Python, JavaScript, Ruby

RDBMS, Rails, Tensorflow

INTERESTS

- Software Development
- Code Exploit
- Big Data Analysis

ABOUT ME

As a dedicated and passionate individual in the field of Computer Science, I seek a challenging position to leverage my skills and knowledge gained at Ho Chi Minh City University of Technology. I have built a solid foundation in theoretical and practical aspects of computing and acquired hands-on experience in developing network and AI applications. These perks coupled with my passion for innovation and strong collaboration with a team of esteemed engineers, make me a strong candidate for a position within your business.

EDUCATION

Bachelor of Science | Ho Chi Minh City University of Technology

Sept 2021 – June 2025 Ho Chi Minh City

- GPA: 3.8

EXPERIENCE

Ruby Intern | NUS Technology

June 2024 – August 2024 Ho Chi Minh City

- Develop a Ruby on Rails app under MVC architecture that replicate core features of a social media platform.
- Version control with Git and GitHub's pull request: github.com/bmV3Qmll/fotobook/

PROJECTS

Visibility Polygon | github.com/bmV3Qmll/Visibility_Polygon/

June 2022 – August 2022

- A Node.js webapp to illustrate visibility of a simple polygon from an inner point.
- Employs C++ to calculate the visibility polygon, encompassing all points within the depicted convex polygon that are visible from the observer's vantage point.

Minesweeper Solver | github.com/bmV3Qmll/minesweeper-terminator

July 2023 – Sept 2023

- A Python application automatically plays minesweeper precisely.
- Leveraging pyscreeze and PIL, the program seamlessly recognizes the game's playing ground and through pyautogui, it deftly navigates the mouse to execute commands.
- Employs complex decision-making process using Constraint Satisfaction Problems.

HCMUT Smart Office | github.com/bmV3Qmll/HCMUT_SmartOffice

March 2024 – April 2024

- An android app for office manager that utilise the Yolo:Bit and OhStem platform.
- Monitors the working condition through parameters such as temperature, humidity, ...
- Controls electrical devices: light and fan.
- Enhances Google's Teachable Machine to perform roll call, tracks employees presence inside the office and collects useful statistics for managers.