Nhat Minh Phan

647-569-0359 | nhatminh120767@gmail.com | linkedin.com/in/NhatMinhPhanCS/ | github.com/NhatMinhPhan

PROJECTS

Discord Bot for Recreation | *Python, discord.py* — May 2025
- Facilitated recreational and interactive activities comprising of counting, hangman and rock paper scissors through a Discord bot with which all members in a Discord server can interact
- Equipped certain bot commands accessible to administrator roles in the Discord server to allow customization for and increase engagement in the aforementioned activities
- Guaranteed server members' satisfaction and entertainment through the simple yet highly-interactive application

Toronto Street Search | *Python, pypdf* — December 2024 – January 2025
- Developed a program that returns the street type of the one upon inputting a street name, by retrieving data from the City of Toronto's official street list from 2018
- Extracted street data from a PDF from the city government with pypdf in the absence of an official or proper database online
- Contributed to user experience and entertainment by integrating user input through quizzes which challenge their knowledge on Toronto streets

Go with the Traffic Flow | *Java, Java Swing* — April 2024 – June 2024
- Developed a traffic simulation program which attempts to teach users about traffic safety for a high school culminating project
- Oversaw the program's development independently and promptly in a one-person team
- Incorporated user input alongside the GUI and Java Swing graphics to enhance interactivity and learners' engagement in traffic safety and planning

Simon Says | *JavaScript, HTML* — November 2023 – December 2023
- Developed a game for a high school culminating project, which challenges users to memorize a sequence of coloured buttons and press them accordingly
- Structured the graphics within the HTML canvas and user input such that all crucial game elements are within the user's range of vision and focus
- Demonstrated the game's mechanics and incremental difficulty via an instructional video embedded in the canvas and a random selection of animated opening sequences

EDUCATION

York University — North York, ON
Honours Bachelor of Science in Computer Science — *Sep. 2024 – Apr. 2028*

William Lyon Mackenzie Collegiate Institute — North York, ON
Sep. 2021 – Jun. 2024

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, SQL (MySQL)
Frameworks: JUnit, Flask, React, Node.js
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse
Librairies: Processing, pypdf, discord.py, Beautiful Soup
Multimedia Production: Adobe Photoshop, Adobe Animate

HONOURS AND AWARDS

Focus on Information Technology Certificate (FIT Certificate) — June 2024
Information and Communications Technology Council of Canada