

Nhat Minh Phan

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PROJECTS

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
- Implemented an input system that helps entertains users by also generating quizzes, challenging their knowledge on Toronto streets
- Used the pypdf library to collect street data from a PDF from the city government

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
- Implemented GUI and most of the program's graphics with Java Swing
- Oversaw the program's development independently and promptly in a one-person team

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
- Utilized the HTML canvas element and 2D context to generate graphics and implement user input
- Implemented an instructional video in the canvas element to demonstrate the game mechanics

EDUCATION

York University

Bachelor of Science in Computer Science

North York, ON

Sep. 2024 – Apr. 2028

William Lyon Mackenzie Collegiate Institute

North York, ON

Sep. 2021 – Jun. 2024

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS

Developer Tools: VS Code, Visual Studio, PyCharm, Eclipse

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