Richard Phan

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Education

University of Western Ontario   Expected April 2023

- Honors Bachelor of Engineering in Software Engineering
- Relevant courses: Algorithms and Data Structures / Software Construction / Software Design / Digital Logic Systems / Scripting Language Fundamentals

Coursera – Online Learning   Completed September 2020

- Python for Everybody – **University of Michigan**
  - o Python Data Structures / Using Python to Access Web Data

FreeCodeCamp – Responsive Web Design Certification (300 hours)   Completed August 2021

- Relevant coursework: HTML, CSS, Responsive Web Design

Skills

- **Familiar with:** JavaScript, Python, Java, HTML & CSS, Swift 5, C#, Ruby
- **Frameworks and Libraries:** Node.js, Express.js, jQuery, React, Pygame
- **Environments and Libraries:** Git, Unity

Experience

Adient Seating Canada – Production Associate (Student)   May 2021 – Aug 2021

- Prepared car seats for shipment through the inspection, repair, trimming, and packaging of products.

Shopper's Drug Mart - Merchandiser   July 2018 – June 2019

- Worked as part of a team to manage inventory of store products, their quality and ensure high quality customer service to all customers.

Projects

Space Evade   July 2020 – Present

- A game where the player uses the WASD keys to dodge incoming asteroids to survive with a leveling system and an increase in difficulty including speed and number of asteroids.
- Created various functions using Pygame in Python for visuals, audio, and overall game functionality.

Deep Focus (Delta Hacks 7)   Jan. 2021 – Present

- A Google Chrome extension created for improved productivity for students by preventing access to various sites which are off-topic or distracting.
- This extension uses HTML & CSS, as well as JavaScript.

Smart City (In-Progress)   Jan. 2020 – Present

- An application that provides information of various services such as hotels, restaurants, healthcare, and other services that may be necessary for one entering a new city.
- Being created using web parsing with Python to retrieve required city information