

Alexander Perocho

DEVELOPER

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Education

Sheridan College

HONOURS BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING)

- **Current GPA:** 3.8/4.0

Oakville, ON

Sept 2022 - PRESENT

Skills

Languages Python, C#, Java, JavaScript/CSS/HTML, LaTeX

Frameworks JQuery, Bootstrap, .NET MAUI

Version Control Git

Competencies

Programming

- Ability to learn new languages and frameworks quickly and effectively.
- Experienced in the development of web-applications using vanilla HTML/CSS, and Javascript, and the development of standalone Object-Oriented applications using languages such as Java and Python.
- Understanding of different programming paradigms.

Software Design

- Ability to create and interpret UML Class Diagrams.
- Ability to create, interpret, and normalize Enhanced ER models.

Projects

Personal Website

— HTML/CSS/JS | Git

Nov 2021 - Dec 2021

- Developed a personal website using HTML, CSS and JavaScript which showcases other projects, and acts as a means of contact.
- Implemented JQuery, and custom styling spanning all pages.
- Designed pages to be mobile, considering use across multiple devices, and scalable in terms of adding projects and updating information.

Chess Web-App

— HTML/CSS/JS | Git

Nov 2021 - Dec 2021

- Developed a web-based chess app implementing OOP principles under the MVC design pattern.

Algorithm Visualizer Web-App

— HTML/CSS/JS | Git

Nov 2021 - Dec 2021

- Developed web-based app visualizing the workings of both quadratic and logarithmic sorting algorithms.

Image Compression & Mirroring App

— PYTHON

Sept 2020 - Oct 2020

- Developed an app that utilizes Binary Search Trees and recursion in order to compress sections of an image and significantly reduce its file size.

Experience

Soderholm Maritime Services

GENERAL LABOURER & TOPSIDE DIVING ASSISTANT

Toronto, ON

March 2022 - PRESENT

- Operate amphibious vehicles to transport divers or equipment.
- Monitoring the safety of divers on bottom through maintenance of oxygen supplies and management of communications between divers and topside.

Mississauga Valley Community Center

LIFEGUARD & SWIM INSTRUCTOR

Mississauga, ON

June 2018 - Sept 2019

- Monitored swimming pool to ensure the safety of clients while encouraging water-safe behaviour.