

Alexander Perocho

DEVELOPER

☎ (647) 701-8779 | ✉ perocho.xela@gmail.com | 🏠 xela-dev.netlify.app/ | 🌐 Xela-KP | in perocho-xela

Education

Sheridan College

HONOURS BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING)

Oakville, ON

Sept 2022 - PRESENT (1st year)

- **Current GPA:** 3.8/4.0 - Good academic standing.

Skills

Languages JavaScript/CSS/HTML, C#, Python, Java, Swift (XCode), LaTeX, Azure SQL

Frameworks JQuery, .NET (MAUI), Bootstrap

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, notably with Object-Oriented-Programming.

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, acting as an online portfolio.
- Utilized JQuery for functionality, and custom styling spanning the entire website.
- 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 App

— PYTHON

Sept 2020 - Oct 2020

- Developed an app that utilizes a Quad-Tree Data Structure to compress and decompress BMP images with variable loss-levels.

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.