

RICHARD PEROCHO

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Technical Competencies

PROGRAMMING

jQuery, Bootstrap, JavaScript, CSS, NodeJS, ASP.NET

- Developed several web-based applications using MVC architecture
- Sound understanding of jQuery calls and Bootstrap flow
- Experience developing with ASP.NET framework
- Ability to learn new languages and frameworks quickly and effectively

SOFTWARE DESIGN

Visual Paradigm

- Knowledge of various design patterns and SOLID principles
- Ability to interpret UML/class/flow diagrams

VERSION CONTROL

GitHub, Bitbucket

- Capable of working with remote and local repositories
- Understanding of command line / terminal commands to manage repositories
- Ability to version control with a team

DATA STRUCTURES/ALGORITHMS

C, C++, Python

- Good understanding of various data structures
- Knowledge of several sorting algorithms

Education

Honours Bachelor of Computer Science (Mobile Computing)

2017 - present

Sheridan Institute of Technology and Advanced Learning

- Attending 3rd year of a 4.5-year program
- Maintained good academic standing

Relevant Projects

Personal Website

- Developed personal website from scratch
- www.perochodev.com

Algorithm Visualizer

- Created web-based sorting algorithm visualizer
- <https://www.perochodev.com/projects/algorithms/index.html>

Awareness Website

- Created website to raise awareness for an endangered monkey
- <http://perocho.dev.fast.sheridanc.on.ca/projects/PrimateConservationProject/>

Unity Game Prototype

- Prototyped a WebGL 2d game using the Unity editor and C# language
- https://www.perochodev.com/projects/spaceshootergame_webgl/game.html

ASP.NET Enterprise Financing

- Developed Enterprise application using ASP.NET framework
- application designed to be a financial tool used on an enterprise level
- high focus on MVC, SQL databases and ASP.NET framework
- responsibilities included majority of front-end development and sign-in/sign-up pages

Banking Application

- Created administrative banking application with C++
- Focus was on data structure and algorithm knowledge
- Responsible for entire application development

Thymeleaf 3D Pyramid Renderer

- Developed web-based 3D pyramid renderer with three.js library and Thymeleaf
- used Spring Boot framework to create dynamic website
- responsible for entire application development

Work Experience

Lifeguard/Instructor

2017 - 2018

Mississauga Valleys Community Center and Library, Mississauga ON

- Demonstrated leadership through instructing classes and safety training
- Learned excellent time-management skills through creating lesson plans
- Responsible for the safety of pool patrons and fellow lifeguards

Other Skills

Leadership

- Taught emergency first aid classes as an instructor

Collaborative

- Developed a financial enterprise application with other developers
- Ability

Effective Communication

- Strong verbal communication skills needed as lifeguard to manage emergency situations effectively