

Michael Brackett

Computer Programming and Analysis | Seneca College | President's Honours List | Toronto

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QUALIFICATIONS

- Highly adaptive to changes & new environments
- Significant knowledge of MS Office Suite
- Extensive experience of Windows 7/8/10, Unix/Linux, Mac OS
- Outstanding organizational and time management skills
- Excellent written and verbal communication skills
- Easily grasp & learn new concepts, programming languages and applications

SOFTWARE SKILLS

LANGUAGES/CONCEPTS

- Java
- C/C++
- C#
- SQL/NoSQL
- JavaScript, HTML, CSS
- JQuery, Bootstrap
- Angular 7/React Frameworks
- Web API Usage/Creation
- AODA Compliancy

TOOLS

- XCode
- MS Visual Studio Basic
- MS Visual Studio Code
- IntelliJ Idea
- Oracle / Microsoft SQL Server

CODE EXAMPLES

Code examples are available at
<https://github.com/MLJBrackett>

TECHNICAL PROJECTS

COMPANY MANAGEMENT WEBSITE | MARCH 2019

SENECA COLLEGE - WEB DEVELOPMENT PROJECT

- Developed fully interactive company website with employee / department management abilities
- Attached MongoDB to store user account with hashed and salted passwords using new encryption methods
- Created queries to communicate with a hosted database and return information to the web application
- Used Sequelize.js & PostgreSQL to manage a database system

AID MANAGEMENT APPLICATION | APRIL 2019

SENECA COLLEGE - OBJECT ORIENTED PROGRAMMING PROJECT

- Created an command line based Aid Management Application using C++ that stores critical information for the user in cases of natural disasters by parsing data files
- Applied object oriented programming concepts such as Classes, Dynamic Allocation, Virtual Functions, Abstraction, Encapsulation, Inheritance, and Polymorphism with proper memory management

CONNECT FOUR | DECEMBER 2017

BAYVIEW SECONDARY SCHOOL - COMPUTER SCIENCE PRINCIPLES

- Designed and programmed a Connect Four AI in Java that generated a probability course based on a two dimensional array
- Implemented the Software Development Life Cycle and created detailed reports on current issues & next steps with the program

EXPERIENCE

SOFTWARE ENGINEER

MINISTRY OF GOVERNMENT AND CONSUMER SERVICES

September 2019 - December 2019 | Toronto

- Worked on three separate projects that were part of the MGCS GoCloud division
- Used MEAN stack technologies such as MongoDB, ExpressJS, Angular 7 and NodeJS
- Worked with SQL, Microsoft Flows, .NET, Cosmos DB and C#
- Created new Agile Environment using Azure Devops to add source control & bi-weekly sprints for current and future co-ops