

EDUCATION

Seneca College of Applied Arts and Technology

Computer Programming Analysis

Expected 2020

University of Waterloo

Honours Bachelor of Science

2013–2014, 2017-2017

SYSTEMS PROFICIENCIES

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|-------------------------|--|
| • PROGRAMMING LANGUAGES | C/C++ |
| • DATABASE TECHNOLOGY | MySQL, Oracle SQL Developer*, MongoDB* |
| • DESIGN AND IDE TOOLS | MS Visual Studio, MS Visual Studio Code, MS Office |
| • OPERATING SYSTEMS | Windows, Linux/Unix |
| • WEB DEVELOPMENT | JavaScript, CSS3, HTML5, JSON*, Node JS* |

**currently learning*

TECHNICAL PROJECTS

Library Publication Storage and Retrieval Application

C/C++

- Designed skeleton of the application with Object-Oriented concepts of polymorphism, inheritance, abstraction, and encapsulation
- Implemented application with functionalities of rent, search, and add publications based on validating user inputs

Human Resource Database Application

C/C++, MySQL

- Developed application with MySQL database server connection based on C++
- Implemented application with MySQL query statements to add the functionalities with foolproof

Ecommerce webpage

JavaScript, HTML, CSS, Bootstrap

- Designed static web store with web programming language and framework
- Designed skeleton of the web page with Bootstrap, added functionalities and validating user inputs with JavaScript

WORK EXPERIENCE

Systems Analyst

Jan 2017 - April 2019

Cleantopia, South Korea

- Gathered systemic requirements from the clients
- Subcontracted with Excel VBA programmer to create a macro application for changing the format of extracted customer database Excel file
- Designed label design with Formtec Design Pro 7.3

Sergeant Squad Leader

Jan 2015 - Oct 2016

Republic of Korea, Army (The Armed Forces Medical Command)

- Led the medical task force in its efforts to deliver medical support in high-pressure and time-sensitive conditions
- Managed the internal medical information database to ensure data integrity and prevent insurance fraud