

# MINSU KIM

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## EDUCATION

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### Seneca College of Applied Arts and Technology

Computer Programming Analysis

Expected 2021

### University of Waterloo

Honours Bachelor of Science

2013–2017

## 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, Express, Handlebars, Bootstrap, Ajax, jQuery |

## TECHNICAL PROJECTS

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### Library Publication Storage and Retrieval Application

C/C++

- Created an application that manages a list of books in the database
- The application tracks number of books, has search functionality with the book title, rent the book with date validation, add categorized magazine and book publication with valid ISBN number
- Used inheritance in C++ provides an opportunity to reuse code and design for efficient implementation time

### Human Resource Database Application

C/C++, MySQL

- Developed application for HR database with MySQL interfacing with C++
- Implemented application with MySQL query statements connected to the database server to execute functionalities
- Stored the fetched rows of data into corresponding attributes in structure and manipulate HR database with inserting, deleting, displaying, finding, and updating

### Ecommerce Webpage

JavaScript, HTML5, CSS3, Bootstrap

- Designed static powerlifting web store with framework
- Wireframed site structure using bootstrap layouts
- Imported logo design from Fontawesome and font from Google Fonts
- Validated user input data such as postal code and phone numbers

## WORK EXPERIENCE

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### Computer Systems Analyst

Jan 2017 - Apr 2019

Cleantopia, South Korea

- Gathered systemic requirements from the client
- Collaborated Excel VBA programmer to create a macro application to change the format of extracted customer database Excel files
- Added new functionality to the system for improving working efficiency

### Sergeant Squad Leader

Jan 2015 - Oct 2016

The 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
- Provided mentoring and counseling assistance for Squad members on personal and professional topics
- Received and relayed orders from company commander to subordinates