

# MINSU KIM

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## EDUCATION

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**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

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### Library Publication Storage and Retrieval Application

*C/C++*

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

### Human Resource Database Application

*C/C++, MySQL*

- Developed application with MySQL human resource database server connection based on C++
- Implemented application with MySQL query statements connected to database server to execute functionalities
- Store the data information in structure and manipulate database server with MySQL query statements

### Ecommerce Webpage

*JavaScript, HTML5, CSS3, Bootstrap*

- Designed static powerlifting 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

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### Systems Analyst

Jan 2017 - Apr 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 based on formatted Excel file with Formtec Design Pro 7.3

### 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