

EDUCATION

**BSc Computing Science |
BSc Health Sciences read in
Life Sciences**

**SIMON FRASER
UNIVERSITY**

September 2018 – Present

CGPA: 3.85

President's Honor Roll, 2020-2021

Dean's Honor Roll, 2019-2021

PROGRAMMING LANGUAGE

- C/C++
- Python
- HTML5
- CSS
- JavaScript
- Java
- SQL
- RISC-V Assembly

TECHNICAL SKILLS

- Bootstrap
- C/C++ data structure and algorithm design
- Object – oriented programming
- Responsive design
- Linux terminal commands
- Mac terminal commands

SOFTWARE

- Visual Studio
- GitHub
- Eclipse

PROJECT EXPERIENCE

SQL Database Design

May 2022 - Present

- Design database for a simulate strata management company focusing on the data regarding the strata company's properties and management system
- Develop web application using XAMPP software package backed by MySQL, PHP, and JS
- Implement various data relationships including one-to-one, one-to-many, and many-to-many

Website Design

May 2022 - Present

- Design, develop, and maintain flexible page layouts with custom navigation, animated buttons, and guides using bootstrap
- Coordinate various web pages using modern CSS with appropriate links and multimedia elements
- Develop a mobile and accessible programmed user interface using HTML5, modern CSS, Bootstrap, and JavaScript
- Collect and pass data from webpage to the backend processing programs through JavaScript and non-SQL database MongoDB
- Website link: <https://aqueous-crag-12779.herokuapp.com/>

Dynamic Queue Implementation

Jan 2022 – Apr 2022

- Implemented a dynamic priority queue class using C++ to generate bank-line simulation using first come, first served property
- Designed a linked list data structure using C++ to accommodate the maximum elements while maintaining the old objects

CERTIFICATE

The Web Developer Bootcamp

April 2022 – Jun 2021

- Collaborated to implement front-end and back-end solutions to unique challenges and wireframes specifications
- Dedicated to intensive practical training in developing web applications through HTML5, CSS, JavaScript, and bootstrap
- Experienced in building neat and layout websites with knowledge of CSS

OPERATING SYSTEMS

- Mac OS
- Linux

TRANSFERABLE SKILLS

- Communication
- Teamwork
- Organization
- Critical thinking
- Analytical skills
- Responsibility
- Creativity
- Learning capacity

HEALTH SCIENCES RESEARCH EXPERIENCE

Vertebrate Immune Recognition Project Jan – Apr 2021

- Measured and analyzed antibody-antigen binding data using EISA and R statistical for determining antibody-binding affinity to adjuvant
- Collected peripheral blood mononuclear cells isolated from immunized and unimmunized mice using flow cytometry to investigate T cell responses to antigen

Exploratory Strategies in Epidemiology Sep - Dec 2020

- Reviewed the concepts and measurements of human population dynamics in epidemiological inference by applying the various epidemiological model
- Studied causes and prevalence of the disease by implementing epidemiological data

CUSTOMER SERVICE EXPERIENCE

Optical Sales Associate

Grace Eyewear, Burnaby, BC

May 2021 - Present

- Share product knowledge and provide personal recommendations to customers based on their needs
- Coordinate frames with eye measurement and optical prescription
- Deliver excellent services experience to customers using good communication skills
- Develop and maintain relationships of trust with colleagues, opticians, and customers
- Coordinate with team to provide good service
- Process insurance claim and issue insurance receipt followed by customer informed consent

Private Math Tutor

Burnaby, BC, Canada

Sep 2019 – Apr 2020

- Tutored junior students in geometry and linear algebra

Health Promotion and Assistance for Community Elderly

LeChunXuan Nursing Home, Dalian, China

July - Sep 2019

- Coordinated data and information on elderly people in the community and assisted them in carrying out physical examinations to observe their physical and mental health
- Promoted the health of the elderly by assisting the community in developing activities and diet lists