



## PROFILE

A personable, technically skilled computer science student at BCIT, with demonstrated abilities shown through academic projects and tutoring others.

**Key competencies** include:

- Programming experience with Java, JavaScript, and C
- Database experience with MySQL and Firebase
- Server-side experience with Node.js, Express.js, AJAX, and jQuery
- UI programming experience with React.js
- Web development experience with HTML, CSS, JavaScript, and jQuery
- Workflow and collaboration experience with Git
- Communication skills
- Problem-solving skills

## EDUCATION

**Computer Systems Technology** | 91% GPA  
British Columbia Institute of Technology, Burnaby, BC

(Jan 2020 - May 2021)

**Specialization:** Computer Science

**Relevant courses:** Programming Methods – Java (87%), Web Development – HTML/CSS/JS (95%), Web Development 2 – Node.js/Express.js (90%), Projects 1 – Git(98%), Projects 2 – React.js (94%)

## PROJECTS

**2 Metres** | Academic Project

Mar 2020 – Apr 2020

- Developed a 2-D Cross-platform action game using punk-themed characters to dodge incoming obstacles to inform players of COVID-19 and social distancing
- Enhanced game by implementing UI components with React.js, an “Easter egg” with on-screen user-reactive elements, and Firebase functionality
- Technologies used: **HTML, CSS, JavaScript, Node.js, Express.js, and React.js**

**WaterWise** | Academic Project

Jan 2020 – Mar 2020

- Built a web application built to inform users of water wastage and how to maintain eco-friendly practices
- Accelerated production by coding and sustaining Firebase functionality while campaigning application to prospective users
- Technologies used: **HTML, CSS, JavaScript, Firebase**

**Zombie Hunter** | Academic Project

Jan 2020 – Mar 2020

- Created a 2-D Shooter web game using mouse clicks to vanquish randomly apparating zombies that move on the screen
- Engineered the mechanics, the random generation algorithm, the score counter, all CSS design, and all gameplay code
- Technologies used: ***HTML, CSS, JavaScript, jQuery***

## EXPERIENCE

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**Private Tutor** | *Independent, Vancouver, BC*

*Jan 2015 – Present*

- Tutored UBC undergraduate students in mandatory first and second-year mathematics courses
- Worked one-on-one with K-12 students teaching Math, English, and Spanish
- Assessed and remediated student performance by reviewing assignments, quizzes, and exams
- Created and implemented comprehensive lesson plans

## INTERESTS

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Reading about game theory, coding, singing, cooking new foods, and playing chess