

# Haseeb Khan

Software Engineer

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## Education

University of Calgary

(Sept 2018 – May 2022)

Bachelor of Science in Software Engineering

## Projects

**Mini Robot Car – C++**

(Aug 2020 – Present)

- Built a custom 3D printed toy car that can follow a path and appropriately maneuver to avoid objects.
- Implemented Arduino UNO to process and utilize input from IR module and ultra sonic range.

**Tetris Clone – C++**

(Apr 2020 – Apr 2020)

- Developed a simple clone of the classic arcade game using and in-console buffering to display graphics.

**Course Registration System – Java**

(Mar 2020 – Apr 2020)

- Designed an application that allows users to register and manage courses with unique login and course load.
- Built using object-oriented design and development featuring client-server architectures, multi-threading, JDBC, MySQL, and custom-made GUI.

**Flight Booking System – Processing**

(Oct 2019 – Oct 2019)

- 2<sup>nd</sup> place in Junior Design – Schulich Engineering Contest for flight booking system.
- Built using Processing GUI for user selection and results display and integrated .csv data exporting.

## Work Experience

**TD Insurance - Claims Analyst Summer Intern**

(Apr – Aug 2019, Apr – Aug 2020)

- Delivered exceptional customer service and managed expenses up to \$2,500 in claim settlement.
- Coordinated appraisals, generated transactions up to \$85,000, and negotiated settlements for 240+ claims.
- Developed a Java application to automate report and note generation; improved efficiency by 350%.

## Technical Skills

- Languages: Java, C, C++, Processing, Python, Assembly
- Technologies: Version control (Git), SCRUM Agile methodologies (Jira), Unix/Linux, JUnit, MySQL

## Extracurricular Experience

**Developer Student Club Junior Executive**

(Sept 2020 – Present)

- Led web development team of 4 to create club website.

**Competitive Programming Club Member**

(Sept 2020 – Present)

- Competed in weekly programming contests and coding challenges.

**Code the Change YYC Student Developer**

(Sept 2020 – Present)

- Designed and created website & logo for Alberta Mental Health Advocacy Coalition

**CalgaryHacks2020 Participant**

(Feb 2020 – Feb 2020)

- Developed 4-in-1 8-bit style adventure game with group of 4 in 24-hour hackathon.

**Alberta Collegiate Programming Competition 2019 (ALPC) Participant**

(Nov 2019 – Nov 2019)

- Solved various programming challenges in hackathon-style contest.