Haseeb Khan

Software Engineer

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Education

University of Calgary   (Sept 2018 – May 2022)
Bachelor of Science in Software Engineering

Projects

Class Reminder Discord Bot – JavaScript   (Dec 2020 – Present)
- Created a Discord Bot to send automated reminder notifications for lecture times and assignment deadlines to online course participants within Discord servers.
- Developed using a node.js module and utilized Discord API to process user requests and generate responses.

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.

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, Unix/Linux, JUnit, MySQL, 3D Printing.

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.