

Colin Rebelo

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Highlights of Qualifications:

- BSc(Hons), Computer Science, Ontario Tech University, placing on both the Dean's and President's Honours list.
- Experience with both Git and GitHub in group projects and individual initiatives.
- Proficient in Linux Environment and capable of shell scripting acquired from experience in using Linux to compile and run code.
- Knowledgeable with database and server tools such as PostgreSQL, and front-end tools including HTML, CSS, JavaScript, Bulma, Pug, Flutter and Vue.
- Experienced with Java, C++, C, Python, Dart, SQL culminated through many projects done in each language.
- Designed regular expressions and processed structured text using Kotlin and ANTLR.
- Confident in working effectively with a team using both peer programming and agile techniques.

Education:

Ontario Tech University (University of Ontario Institute of Technology), Oshawa, ON

2018 – 2022

Bachelor of Science, Computer Science

- Cumulative GPA of 3.62 – President's Honours List
- Completed classes of note: Database Systems, Scientific Data Analysis, Software Quality Assurance, Web Application Development, Systems Programming, Human Computer Interaction, Mobile Devices, Machine Learning Theory and Application, Information Visualization, Compilers, Data Mining.

Project Experience:

Game Search Engine (University of Ontario Institute of Technology), Oshawa, ON

Winter Semester 2021

Website front-end developer and back-end integration.

- Developed the user interface for the website, to create an appealing front-end application for the user.
- Communicated effectively with other group members, to create an innovative solution, which generated a customized list of recommendations, dependant on the user's preferences.
- Redesigned the database used for the project by minimizing its size, to create a more efficient back end.
- Utilized MongoDB to create a quick access database and used SQL to pull data queried by the front-end.

Nestless Mobile Application (University of Ontario Institute of Technology), Oshawa, ON

Fall Semester 2021

Mobile Application Developer

- Developed the user-profile page allowing for customization, using data via cloud storage.
- Delegated and directed other group members toward project completion with approaching deadlines, to ensure the product functioned properly and satisfied all requested results.
- Adapted to different development techniques requested from the team leader to ensure code is consistent from all developers.
- Utilized Firebase to create a quick access database and allowed for live updates of information.

Work Experience:

Roofmart

Summer 2020

Shipper (Contract)

- Constructed varieties of orders for customers requesting different roofing materials and supplies.
- Developed schedules to efficiently sort and stock large amounts of roofing materials and accessories for roof construction in a quick and concise manner.
- Exemplified communication and leadership skills with other shippers and delivery crew to load large orders in short time frames.
- Adapted to shifts in the customer's orders and requested delivery times.
- Planned and coordinated the order of deliveries to optimize the amount of product shipped.