

ROHAN ALI

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EDUCATION

Ryerson University, Toronto

Graduated Apr 2021

Bachelor of Science (Hons) in Computer Science

Awards: Entrance Scholarship (\$1000), Deans List (3.67/4.33 GPA)

Courses: Intro to Programming, Algorithms, Data Structures, Databases, Robotics, Software Engineering

SKILLS

Programming Java • HTML • CSS • SQL • C# • Python • C++ • JavaScript
Process/OS Agile • SCRUM • Windows • Linux
Tools VS Code • Eclipse • Microsoft SQL Server • Bootstrap • Git • MongoDB • NodeJS • React

RELATED EXPERIENCE

Arisoft Inc

Richmond Hill, ON

Software Engineer Intern

Apr 2018 – Aug 2018

- Designed and developed a user-friendly .NET web application for administrative and web systems (**C#/SQL**)
- Analyzing code for system debugging and testing to increase program efficiency and functionality by over 20%
- Collaborated effectively with members of software development team and partaking in daily Scrums, demos, sprint planning

Arisoft Inc

Richmond Hill, ON

Database Engineer Intern

Jul 2017 – Nov 2017

- Built a Microsoft SQL server which improved the legacy system of existing data managing app
- Implemented an algorithm to sort and store data from Excel into a database, resulting in saving upwards of 30 hours of manual data searching per month (**Java 8**)
- Collaborated with software development team to construct a document library management system to allow users to check-in, check-out and search for documents using several queries (**SQL**)

PROJECTS

Daily Journal Web App

Sept 2021

- Developed a daily journal web application using MERN stack to track daily tasks, allowing users to add, update, and delete encouraging user organization (**MongoDB/EJS/React/NodeJS/Bootstrap**)

Raspberry Pi 3 Video Game Emulator & Security System

May 2021

- Successfully programmed Raspberry Pi 3 into game emulator that supports Nintendo, PS1, NES (**Shell Script**)

Web Development

Dec 2019

- Designed a portfolio webpage using multiple frameworks ensuring a responsive and flexible layout compatible with several devices (**Bootstrap/JavaScript/HTML**)
- Developed a mock budgeting app website that allows users to register, login, record and organize their financial transactions (**HTML/Semantic UI/Python**)

3D Virtual Drone

Oct 2018

- Programmed a 3D world using various math concepts, whilst implementing OpenGL API and library for the construction of a 3D drone
- Allow user input to manipulate the drones' flying patterns while staying within the environment constraints (**C/C++**)

Autonomous Robot

Nov 2017

- Implemented an algorithm that runs on Arduino to allow autonomous Robot function that simulates potential military environment (**C++/Java**)