Abdulkadir Ahmed

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EDUCATION

RYERSON UNIVERSITY
BEng in Computer Engineering
Sep 2019 - Present | Toronto, ON

Cum. GPA: 3.98 / 4.33
Major GPA: 3.96 / 4.33

LINKS

Github:// **abdulka6ir**
LinkedIn:// **Abdulkadir Ahmed**

COURSEWORK

UNDERGRADUATE
Fall 2019: Calculus I, Linear Algebra. Research Practicum
Winter 2020: Calculus II, Computer Science I, Electric Circuit Analysis.
Fall 2020: Digital Systems, Software Systems.
Winter 2021: Data Structures and Algorithms, Object Oriented Analysis and Design

SKILLS

PROGRAMMING
C# • C • Python • C++
Matlab • LaTeX • Arduino
• Java

DESIGN
Adobe Photoshop • Adobe Illustrator
Unity • SolidWorks

INTERESTS
Soccer • Basketball
Photography • Painting

LANGAUGES
English
Arabic
Somali

ACHIEVEMENTS

AWARDS
• Best delegate in AUD - Model United Nations 2017, Dubai.
• First Prize in Business Scholars for Innovation organized by RMIT University, Dubai.

PROJECTS

MATHEMATICAL RESEARCH IN GRAPH THEORY | Researcher
Jan 2020 – April 2020
- Worked on the development of abstract mathematical concepts and integration on **Matlab** using Graph Theory.
- Wrote a 12-page research paper on the planning and application of graph theory and how it is utilized in mathematical problems and computer science.
- Developed an algorithm in **C** to design a timetable to demonstrate my understanding

CARDS AND BLACKJACKS GAME | Sep 2020 – Oct 2020
- Developed a simplified Blackjack game on **Java** with a card shuffle and a generated API.
- Developed a UI with an algorithm and a user interface for a polished game-play. **Github link**

2D ACTION GAME | Aug 2020 – Present
- Creating 2D game with character that can move in an environment and shoot projectiles using **Unity** and **C#**.
- Using 2D application Adobe Photoshop to create animations and colors.
- Developing multi-level menus with responsive UI to improve game-play.

ABDULKADIR.CA - PERSONAL WEBSITE | Sep 2020 – Present
- Creating a personal website utilizing **HTML**, **CSS** and **JavaScript**.
- Designing a one-page website providing a centralized location with links to all of my public profiles and projects. **Github link**

VISS ROBOTICS - WORLD EDUCATIONAL ROBOT DUBAI | Nov 2017 – Dec 2017
- Worked in a team and used Robot Operating System to improve machine efficiency.
- Utilized skills in programming, trouble shooting, researching and presenting.
- Won first place at annual robotics course competition in the junior category.

EXPERIENCE

SAVANNAH MEDICAL CENTRE | Assistant Scan Operator
June 2018 - July 2018
- Utilized **Matlab** to complete scans and collect patient data, allowing patients to get results 24 hours earlier on average.

EXTRACURRICULAR

NATIONAL SOCIETY OF BLACK ENGINEERS | Parttime Assistant
Oct 2019 - Present
- Organized a Industry Event conference for 100+ students from companies across Ontario.
- Communicated conference requirements between company sponsors and students and alumnus.