Contact

Abdul Ahad Khan
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Education

University of Toronto: BASc - Computer Engineering | Sept. 2023 - Present
Courses: Calculus 1 & 2, Linear Algebra, Engineering Strategies and Practices I (ESP I)

Lakefield College School (LCS): Ontario Secondary School Diploma | Sept. 2020 - June 2023

Professional Skills

- Proficient in Swift/SwiftUI and Object-Oriented programming
- Experience working with MATLAB, Python, HTML5, CSS, Node.js, and APIs
- Proficient in utilising Git as a version control system in team projects
- Strong verbal and written engineering communication skills
- Excellent leadership and individual skills when working with a team

Academic Projects

Researcher | ESP I - Alleyway Redesign Project | UofT   Sept. 2023 - Dec. 2023

- Collaborated with a team of 5 students to redesign the Hart House North Alley
- Used the engineering design process to create a unique design solution for a client
- Considered and researched multiple stakeholder perspectives
- Conducted research on all relevant aspects of the design, such as the service environment
- Professionally wrote documents for Project Requirements and Conceptual Design Specifications

Project Manager | Choose Your Own Adventure Book | SwiftUI   April. 2022 - June 2022

- Managed a group of team of 4 members to create a Choose Your Own Adventure Book based on a real >100 page book
- Focused on programming the logic behind the app and organising the database management system
- Gained experience working with Github repositories for a team project

Relevant Experiences

Personal Project | Blackjack App | SwiftUI, JSON

- Created an iOS app with a user interface simulating the famous casino game *Blackjack*
- Used an API to simulate pulling cards from a realistic deck of cards
- Programmed bots to play against the player

Personal Project | Website | HTML5, CSS

- Used

Personal Project | Discord Bot | JavaScript, Node.js

- Utilised the discord.js API wrapper to help program a bot using JavaScript / Node.js
- Bot appropriately responds to user commands on the social media website Discord

Co-leader | Robotics

- Developed steel robots to participate in Vex Robotics Competition
- Programmed the robot in VexCode Pro V5, based off of the C++ programming language
- Created a simulation for the actual competition in order to test robot's capabilities

Extracurricular Activities

Senior-in-Charge of Science and Technology   Sept. 2022 - June 2023

- Prepared complex chemical solutions in preparation for chemistry classes
- Led public science events and conducted research on fun science experiments for these events

Student Council | General Member   Sept. 2022 - June 2023

- Organised school-wide events with the rest of the council
- Debated about changes to school regulations and practices
- Led events to teach groups of students on how to become a good leader

Awards

Top 10 scholar in Lakefield College School
-    Grade 12 average of 98%

Scholar with Distinction | Grade 10-12

University of Toronto Academic Merit $5000 Scholarship

Interests

Tennis, travelling, video games, Ping Pong

References Available Upon Request