Soheil Rajabali

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Objective

Dedicated and enthusiastic high school student with a keen interest in technology seeking a position that offers opportunities for hands-on experience and skill development. Eager to apply my passion for technology to contribute to innovative projects, expand my knowledge in emerging technologies, and gain practical experience in areas such as programming, hardware, and software development.

Skills and Abilities

Artificial Intelligence
- Created an algorithm using Computer Vision that is capable of detecting body movements

Engineering with Arduino
- Engineered an Autonomous Farming System using Arduino

Leadership
- Mentored incoming students entering High School

Programming
- Proficient in wide variety of coding languages including Python, JavaScript, HTML, C++, Java, and C#

Communication
- Able to simplify technical terminology in a simple to understand manner

Computer Aided Design (CAD)
- Designed various robotics subsystems using Onshape

Work Experience

September 2022 - November 2022
TalkhAPPi, User Interface Designer
- Designed part of the User Interface for the teenage app startup known as TalkhAPPi

October 2021 - December 2022
Staples, Technology Representative
Richmond Hill, ON
- Engaged with Customers to understand their needs and educate them on current products
- Nominated for employee of the month on numerous occasions

July 2023
KochaSoft, Student Intern
Toronto, Ontario
- Automated tasks to improve efficiency in computer systems
- Created templates to improve efficiency

July 2023
Calingo Group, Website Developer
Richmond Hill, Ontario, Ontario
- Created website using React framework

July 2023 - Present
N/A, Programming Teacher
Markham, Ontario
- Mentor grade 8 students in the fundamentals of programming, including real world applications

Education

September 2020 - June 2024
St. Augustine CHS, OSSD (In Progress), SHSM (In Progress)
Markham, Ontario

Extra-Curricular

March 2020 - December 2021
SV Robotics
- Developed coding capabilities in multiple languages including Python, C#, HTML, CSS, and JavaScript

September 2020 - July 2022
Engineering Club
- Built and designed mechanical systems with limited access to resources

November 2021 - March 2022
Ethics Debate Team
- Developed skills including communication and teamwork

April 2022 - December 2022
Student Council
- Senior Media Representative creating media to promote events for St. Augustine CHS
- Increased viewer count on the SAC page by up to 400%

May 2022 - Present
App Development Team
- Backend Developer Executive for the St. Augustine CHS app

July 2022
SHAD Program
- A well recognized STEM program that provides educational enrichment for students across Canada
- Developed wide skillset including design, communication, teamwork, and business management

September 2022 - Present
Robotics Club
- Competed in the First Tech Challenge as part of Team 19446, placed 9th in Ontario
- Promoted to Co-Captain due to exceptional build and design capabilities
- Proceeded to lead the team in Sudbury, resulting in the Think award for best use of Scientific and Mathematical processes in the design and programming of the robot

November 2023 - Present
Computer Science Club
- Senior Teacher for Computer Science
- Teach Grades 9-11 the basics of various programming languages including Python, C#, C++, and more

June 2023 - July 2023
Religious Youth Leader
- Led religious ceremonies, executed events
- Increased attendance by up to 200%

September 2023 - November 2024
Speaker Spotlight Series Organizer
- Organized monthly sessions held with industry experts with the goal of enlightening students on key topics related to technology
- Key topics include the use of AI in the workforce today and the use of robotics in our contemporary society

Volunteer Experience

November 2020 - June 2021
St Augustine Minecraft Club, Minecraft Build of St Augustine CHS
Number of Hours: 30
Markham, Ontario

February 2023
Richmond Hill Montessori and Elementary School, STEM Guest Speaker
Number of Hours: 10
Richmond Hill, Ontario, Ontario

October 2023 - December 2024
Team Titans Robotics, First Lego League Qualifier
Number of Hours: 30
Markham, Ontario

June 2023 - August 2024	**Markham African Caribbean Canadian Association**, Workshop Organizer Number of Hours: 20 Markham, Ontario
September 2022 - Present	**St. Augustine CHS**, Titan Leadership Number of Hours: 90 Markham, Ontario
May 2023	**Markham Mayor**, Markham Youth Expo Number of Hours: 8 Markham, Ontario

Achievements

June 2023	JamHacks - Best Use of Mongo DB
March 2022	Inspirit AI - Best Pitch
February 2020	Science Expo Competition - 3rd Place
June 2020	York Region Science Fair - Participant
December 2019	Spark Hackathon - Best Pitch
April 2018	Speech Competition - 2nd Place

Achievements

December 2023	First Aid Certification

Hobbies and Interests

- Coding
- Robotics
- Cryptocurrency
- Engineering
- Computer Building
- Media Design

References Available Upon Request