


# SAHAL SAJEER KALANDAN

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20870961 | Mathematics 2A

## PROJECTS

### KINDKART

- Chrome extension built using **HTML**, **CSS**, **JavaScript**, and **Google Firebase**, providing users with ethics reports on major online retail and exclusive coupon donations

### ENCOURAGE BOT

- Discord Bot developed in **JavaScript** using **Discord.js** framework and **MySQL**
- Recognizes negative words from users and outputs encouraging statements using **ZenQuotes API**

### STUDIO GHIBLI FILM CATALOG

- Website for Studio Ghibli film information created using **HTML**, **CSS**, and **JavaScript**
- Uses the **Studio Ghibli API** to carry out XMLHttpRequests to extract and output data

## AWARDS AND CERTIFICATIONS

- AP Capstone Diploma Student with Distinction
- Executive member of Amnesty International and Environmental Club
- Fluent in English, Malayalam, and proficient in Arabic
- MESAC International Badminton Competition bronze medalist (2017 and 2018)
- Qatar National Robotic Olympiad silver medalist (2013), gold medalist (2016 and 2017)

## EDUCATION

### UNIVERSITY OF WATERLOO • EXPECTED APRIL 2025

Candidate for Bachelor of Mathematics (Statistics and Computing Minor)

RELEVANT COURSES: Object Oriented Programming in C++, Algorithm Design and Data Abstraction in C

## SKILLS

- **Languages:** Java, Racket, C, C++, JavaScript, HTML/CSS, Java, SQL, R
- **Technologies:** Linux/Unix, Git/GitHub, Android Studio, XCode, VSCode, Vim, Google Firebase, Microsoft Office, **L<sup>A</sup>T<sub>E</sub>X**

## EXPERIENCE

### EVENT ORGANIZER

THEEB QATAR TRAIL RUN SERIES • NOV – DEC 2020

- Managed registration, equipment, and awards for **15+** racing events with over **2,000** members

### PRIVATE STEM INSTRUCTOR

SELF-EMPLOYED • SEPT 2018 – MARCH 2020

- Tutored 2 students extensively in Math, Physics, and Chemistry, resulting in over **20%** increase in GPA

### BASEBALL COACH

CHALLENGER BASEBALL • SEPT 2018 – MARCH 2020

- Mentored and coached a team of **20+** children with disabilities

### ACCOUNTANT (VOLUNTEER)

SOLACE GLOBAL • DEC 2019 – JAN 2020

- Managed financial records, back-end accounting, invoicing, and transactions for over **50** accounts
- Scheduled daily meetings and ensured zero conflicts

### SALES ASSOCIATE (VOLUNTEER)

IAAF WORLD CHAMPIONSHIPS • SEPT 2019 – OCT 2019

- Managed over **11,800** ticket sales
- Demonstrated strong leadership skills while leading a team of **10** and ensuring efficient task delegation

## INTERESTS

- Nature, music production, badminton, video games