

Sahal Sajeer Kalandan

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Technical Skills, Language Skills, and Interests

Programming Languages: Java, Racket, C, Javascript, HTML/CSS, Python, MySQL, R

Tools: Linux/Shell, Git, VSCode, \LaTeX , Microsoft Office

Languages: English (fluent), Arabic (proficient), Malayalam (native)

Interests: Environment, Music, Badminton, Video Games

Education

University of Waterloo

Sept 2020 – Present

Candidate for Bachelor of Mathematics, Statistics and Computing Minor

Waterloo, ON

- Relevant Coursework: Object-Oriented Programming, Functional Programming, Elementary Algorithm Design and Data Abstraction, Probability, Discrete Math, Linear Algebra, Calculus I, II, III, Macroeconomics

American School of Doha

Aug 2008 – May 2020

High School Diploma

Doha, Qatar

- Relevant Coursework: AP Computer Science A, AP Statistics, AP Calculus AB/BC

Experience

Event Organizer

Nov 2020 – Dec 2020

THEEB Qatar Trail Run Series

Doha, Qatar

- Managed registration for different racing events; handled equipment and awards
- Screened over 2,000 participants for COVID-19

Tutor

Sept 2018 – March 2020

Private Tutoring in Math, Physics and Chemistry

Doha, Qatar

- Tutored over x students in various levels of Math and Science to lead to an average grade increase of x% in select subjects

Coach

Sept 2018 – March 2020

Challenger Baseball

Doha, Qatar

- Mentored and coached a team of handicapped children during a baseball camp

Volunteer Accountant

Dec. 2019 – Jan 2020

SOLACE Global (non-profit organization aiding disabled children)

Thrissur, Kerala

- Managed financial records, back-end accounting, invoicing, and transactions
- Scheduled meetings, ensured accurate donations were kept on the ledger for over \$20,000

Volunteer Sales Associate

Sept 2019 – Oct 2019

IAAF World Championships

Doha, Qatar

- Led a team of 10 to sell and check for tickets at the IAAF World Championships, managing over 11,800 sales

Awards and Certifications

- AP Capstone Diploma Student with Distinction, High Honours Student within top 10th percentile of academic standing among peers. Also was an executive member for Environmental Club and Amnesty International.
- MESAC (International Competition) Badminton Bronze medalist in 2017 and 2018
- National Robotic Olympiad (Qatar) Silver Medalist 2013, Bronze Medalist 2016 and 2017

Projects

- Sajeer Kalandan, Sahal. Collegeboard, 2020, Optimizing Tilt Angle for Maximum Photovoltaic Potential in Qatar. (link)
- [Personal Portfolio](#)