ARITRA KAR

TOWER 4, FLAT 2G, SOUTH CITY
375 PRINCE ANWAR SHAH RD, KOL-68
+91-9830081526
ARITRAKAR2002@GMAIL.COM / A8KAR@UWATERLOO.CA
www.linkedin.com/in/aritra-kar
https://github.com/aritrakar

ABOUT ME

I'm an excellence and results-driven, proactive, decisive team player. While naturally introverted, I enjoy taking on leadership roles as much as possible. I tend to observe people and situations and also take strategic decisions, especially when under pressure. I'm ambitious about computer science, artificial intelligence, and robotics and thus want to pursue the same in the future. I'm also a drone enthusiast and I like designing and building things.

SKILLS

- Quizzing
- Speaking and debating
- Playing the violin and the piano
- Robotics and programming (JavaScript, Python, Java, HTML, CSS)
- 3D designing

EDUCATION

South City International School, Kolkata — *ISC (98.6%), ICSE (96.0%)*

APRIL 2009 - JULY 2020

ISC 2020 grades: English-97; Mathematics-99; Physics-100; Chemistry-98; Computer Science-99

ICSE 2018 grades: English-88; Mathematics-95; Science-98; Computer Science-100; HCG: 99

ACT: 35 (Maths-36, Science-36, English-35, Reading-32)

SAT II: Maths 2 (800), Chemistry (790)

APs: Computer Science A (5), Physics 1 (4), Chemistry (3)

TOEFL: 118

IELTS Indicator: 8.5

Certificate Of Distinction winner in Euclid Mathematics Contest '19, organized by the University of Waterloo

AWARDS AND ACHIEVEMENTS

- **Leadership and Organizational skills**:
  - House Captain, Former Vice-Captain
  - President ('19-'20) and Co-Founder of the Quiz Club
  - Treasurer and Head of events for Morpheus '19 (School fest)
  - Co-Editor of the School Magazine (2017-18)
  - Organized and participated in several Inter-House events
- **Internships:**
  - Futurite (Robotics): Taught students how to build and program robots made from LEGO kits
- **Community Service:**
  - Activities as a member of the Interact Club include: visiting old age homes and other charities to help out; helping organize collection drives (including clothes, toys, books, disaster relief, etc.) for donation to charities and natural disaster reliefs for different parts of the country afflicted with the same;

- ○ Teaching music to underprivileged children who are gifted, by recognizing them through Responsible Charity's Aim Game program. Helped organize Annual concerts and monthly concerts. (January '19 - August '19)
    - ○ Participated in a psychology internship involving interacting with patients with mental disorders, organized by Fortis Group of Hospitals
    - ○ Participated in the annual fundraising drives for donations to different charities (Help Age India, CINI, Smile Foundation etc)
- **Model United Nations:**
    - ○ Co-Secretary General ('19-'20) of the school Model United Nations Club.
    - ○ Received "Honorable Mention" at Harvard MUN India '19
- **Entrepreneurship:**
    - ○ 2nd in The Indus Entrepreneurs' (TIE) TYE Kolkata, India chapter. (Co-founder of UShip, a last-mile delivery simplification service)
    - ○ Started a 3D shop on ShapeWays in 2016: https://www.shapeways.com/shops/3d007
- **Quizzing**:
    - ○ 1st in School Quiz (Senior) at Kolkata Quiz Festival '19, the biggest event of its kind in India
    - ○ 2nd at Tata Consultancy Services IT Wiz '18 and '19, Regional Round
    - ○ 4th in National Round of UnderWriters Lab National Safety Science Quiz (NSSQ) '18
    - ○ 2nd in 91.9 Friends FM School Quiz '17
    - ○ Multiple positions in various school quizzes across the city
- **Music**:
    - ○ Certificates in **Violin** (Grades 1, 2, 3, 4, and 5) from Trinity College, London
    - ○ Certificates in **Piano** (Grades 2, 4, 5, 7, pursuing 8) from Trinity College, London
    - ○ Certificates in **Music Theory** (Grades 1, 2, 3) from Trinity College, London
    - ○ Part of the school band as lead pianist. Won awards at competitions across the city.
    - ○ Part of Kolkata's first string orchestra, the Kolkata Youth Ensemble, as first violinist. Performed in two televised concerts.
- **Communication Skills:** Distinction certificates in **Communication Skills** (Grades 7 & 8) from Trinity College, London
- **Robotics**:
    - ○ 1st at RoboTryst '15, Regionals. Qualified for national round at IIT Delhi
    - ○ 3rd in Technoxian '17, Open category
    - ○ 15th in National level of World Robotics Olympiad '18 Senior High category
- **Projects:**
    - ○ Pathfinding visualizer with React.js
    - ○ Adaptive Machine Learning-based Traffic Control System using Python
    - ○ To-Do app with React.js
    - ○ Automated WhatsApp chatbot using Python
    - ○ Simple games (Bouncing Balls, Pong, etc.) using JavaScript, HTML and CSS
    - ○ Simple Quiz, Bank, Hospital, and Railway Management Systems using Java