

SOPHINA AKRAM

Computer Science Student

CONTACT

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PROFILE SUMMARY

I'm a second-year computer science student at the University of Dundee, passionate about how CS shapes modern life. Through projects, competitions, and leadership roles, I've developed critical thinking, problem-solving, and teamwork skills. I'm excited to lead projects that address societal and environmental challenges to make a positive impact.

EDUCATION

2023-2027
DUNDEE UNIVERSITY
• Undergraduate Computer science

2020-2022
MADRAS COLLEGE
• 3 Advance Highers (A,C,C)
• 5 Highers (A,A,A,A,A)

SKILLS

- Adaptability
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Bi-Lingual (English, Arabic)

PROGRAMMING LANGUAGES

- Java
- C, C++
- HTML
- CSS
- Python

EXPERIENCE

University of St Andrews 2020-2021
• Voluntary Sports Coach
• Leadership Course

Tutoring 2022-2023
• Tutored a girl in grade 7 in most of her subjects like maths, english and history
• Tutored students with severe learning disabilities (at my school)

University of Dundee Projects 2023- present
• Using Java I created a Scottish version of Snakes and Ladders(Selkies and Munros). This was an individual project.
• Using C language I simulated 2 OS processes. This was an individual project.
• Using Python programmed a raspberryPi board to follow the rules of different types of traffic light systems, this was an individual project.
• Using java we worked as a team to create a chat that follows similar functions as whatsapp with fully working GUI.