

TANISHA TASNIN

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EDUCATION

McMaster University

Biomedical & Software Engineering

Overall GPA: 3.7

Term Honours

Fall 2022: McMaster University Award of Excellence

Winter 2023: Deans' Honour List

HIGHLIGHTS

Technical Skills:

Python, Java, C, Bash, React Native, Bash, Excel, Canva, Autodesk, JavaScript, MATLAB

Soft Skills:

Leadership, Communication, Analysis

EXPERIENCE

Awareness 360

2021 - 2022

Staff Member

- Mentored interns, enhancing their professional growth and development
- Contributed to UN SDG projects, supporting global initiatives
- Hosted live sessions with global figures, facilitating audience engagement and knowledge exchange

Tutor

2022 January - September

Mathematics Tutor

- Provided mentorship and comprehensive academic advising
- Compiled extensive academic resources and materials

EXTRACURRICULAR ACTIVITIES

Battery Workforce Challenge

2023 November - present

Algorithms Sub-Team

- Engineer algorithms for precise estimation of battery feature statuses
- Leverage available data to define and execute test cases effectively

McMaster Bangladeshi Students' Association

2023 October - present

Events Coordinator

- Organized, planned, and managed events
- Collaborated with marketing and media teams for project synergies

McMaster ECOCAR

2022 September-2023 April

Connected and Automated Vehicles (CAVs) Team

- Conducted and documented test cases on simulated model vehicles
- Worked with MATLAB and various sensors for enhanced analysis

PROJECTS

Application for Menstrual and Sexual Health (In Progress)

2024 September

Estimated Completion Date for first prototype:

- An application primarily developed using React Native that tracks and logs menstrual cycle phases and provides comprehensive compilation and comparison of resources

Password Resilience Analyzer

December 2023

Events Coordinator

- C program to assess password strength using parameters such as the use of special characters, numerical digits, upper case letters

Stovetop Defendoor

January-February 2023

- Proactive design that implements sensors to reduce burn injuries due to stovetops, in children