

Sarah Khan

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EDUCATION

University of Toronto, BAsc, Mechanical Engineering, 3rd year

2019-2024 (Expected)

SKILLS

Technical: SOLIDWORKS, Arduino, Python, HTML5, CSS3, MATLab, C Programming Language, Adobe Photoshop

Languages: Native: English, Hindi, Urdu; Intermediate: French

EXPERIENCE

07/2021 – 08/2021

Consultant Intern, *Al-Futtaim Malls - Regional Marketing*

- Collected and analysed data from tenants regarding use of newly-launched rewards app
- Prepared and presented concise report on findings to senior marketing executives

EXTRA-CURRICULAR

02/2021 – Present

Powertrain Engineer, *University of Toronto Formula Racing Team*

- Designed accumulator hand cart with accordance to strict Formula SAE rules

04/2021 – Present

Vice President Communications, *University of Toronto Robotics Association*

- Coordinated Association's activities with Faculty and Engineering Society

07/2020 – Present

Member - Skule™ Endowment Fund Committee, *University of Toronto Engineering Society*

- Managed fund of ~\$300,000 and analysed funding applications, including detailed budget spreadsheets, ensuring projects aligned with fund's vision

10/2020 – 4/2021

Propulsion Engineer - Materials Team Lead, *University of Toronto Hyperloop Team*

- Assessed CAD model of cutting-edge propulsion system, including drive and suspension, to analyse materials and dimensions needed to move to manufacturing

09/2020 – 12/2020

Team Leader, *Mechanical Engineering Design, University of Toronto*

- Led team of 6 mechanical engineering students to design a ready-to-manufacture, professional, entry-level 3D Printer, achieving a score of 92% on the project

07/2020 – 4/2021

Chair - Policy and Structures Committee, *University of Toronto Engineering Society*

- Conducted monthly Committee meetings, precisely worded changes to Bylaws, and presented recommendations to the Engineering Society Board of Directors

05/2020 – 4/2021

Sponsorship Director & Webmaster, *University of Toronto Robotics Association*

- Built ties with industry professionals whilst seeking out monetary funding
- Applied new front-end development skills to maintain and expand www.utra.ca

01/2020 – 04/2020

Team Leader, *Engineering Strategies and Practice II, University of Toronto*

- Led a multi-disciplinary team of 6 engineering students to design a solution targeting the gap in mental health services within the University for our client, Prof. Weiss

AWARDS

03/2021

University of Toronto Engineering Society Centennial Award:

Demonstrated commitment and dedication to the Engineering Society through involvement