

HAAMSENI PRABAHARAN

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OBJECTIVE

Undergraduate Mechanical Engineering student with skills of organization, leadership, and determination. A fast learner, who is excellent at team coordination, leadership and critically problem solving in any manner.

EDUCATION

University of Toronto

Toronto, ON.

2023-2028

Bachelors of Engineering and Applied Sciences, Mechanical Engineering + PEY Co-op

Minor in Engineering Business

Father Michael McGivney Catholic High School

Markham, ON.

2019-2023

International Baccalaureate, Special High Skills Major, Honours Society

EXPERIENCE

Hart House Theatre Accessibility Project

University of Toronto

Sept 2023-Dec 2023

- Critically analyzed problems regarding Hart House Theater accessibility.
- Collaborated with group seamlessly to effectively to design a feasible solution that addressed Client's concern.
- Performed adequate research to create engineering drawings of the visual prototype.
- Completed tasks in a timely manner.

Life Cycle Analysis: Sustainability Project

University of Toronto

Jan 2024-April 2024

- Effectively communicated with client in a professional manner
- Documented team and client meetings in engineering notebook
- Created professional documentation including the Project Requirements and the Conceptual Design Solution
- Delegated and assigned tasks while also setting internal deadlines
- Proof-read final documents and ensured the formatting guide was followed as Head Editor

Robotics For Space Exploration - Team Member

University of Toronto

Jan 2024-Current

- Intermediate in Autodesk Fusion 360
- Communicated and collaborated with team on a variety of projects
- Created 3D designs on AutoCAD (battery box, attachments on arm)
- Ensured design adhered with other sections/teams

PepsiCo Kickstart Leadership Program - Member

PepsiCo Foods Canada

Sept 2024-Current

- Provided skill development, professional networking, and enhanced business acumen
- Delivered a comprehensive final presentation summarizing personal outcomes and key learnings
- Gained insights into the diverse functions within PepsiCo
- Built a professional network by engaging with employees within PepsiCo

Camp Counsellor

City of Markham

June 2023-Aug 2023

- Successfully managed 10 children and oversaw appropriate safety and camp regulations.
- Diligently communicated with parents regarding expectations and regular updates on child's activities.
- Maintained accurate program records, including incident reports, logs, and daily attendance reports.

SKILLS, AWARDS, AND CERTIFICATES

Skill: MATLAB, Beginner Autodesk Fusion 360, SolidWorks, Microsoft Excel, Python, Java, HTML, CSS, Java script

Certificates: George Brown College Machining Certificate, Certified SOLIDWORKS Associate

Awards: 2023 Dean's Merit Award at the University of Toronto, Faculty of Applied Science and Engineering