

Abeer Hashmi

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Professional Summary

First-year McMaster Engineering co-op student seeking a Summer Engineering Assistant role. Hands-on experience with SolidWorks, 3D printing, basic electronics, and introductory coding. Reliable, quick learner, and strong team contributor.

Education

McMaster University — Bachelor of Engineering (Co-op)

Hamilton, ON • 2024–Present

Technical Skills

Engineering & Tools: SolidWorks, 3D Printing, Engineering Drawings, Bill of Materials, Soldering

Programming: Python (intro), C# (intro), HTML (intro)

Software: Excel, Word, Outlook

Certifications: WHMIS, First Aid & CPR

Languages: English, Urdu, Hindi

Engineering Experience

Apogee Ceramics Inc. — Mechanical Engineering Co-op

Paris, ON • 2024–2025

- Assisted with designing procedural fixtures and safety guards to support safe operations
- Created and modified 3D models in SolidWorks; developed engineering drawing and bill of materials
- Supported evaluation of practical, cost-conscious material and design choices
- Worked with technicians to help troubleshoot equipment and procedural issues

Projects

- Intro Electronics / Arduino — Completed simple sensor and circuit activities using Arduino and breadboards
- 3D Modeling & Printing — Designed basic mechanical parts in SolidWorks and produced printed prototypes
- Circuit Board Repair & Soldering — Practiced safe soldering and simple electronic fixes
- End Effector Warehouse Gripper — Designed, manufactured and coded a gripper to pick up various objects

Work Experience

Mission Thrift Store — Retail Associate

Brantford, ON • 2023–2024

- Helped customers in a busy environment and provided friendly assistance
- Organized inventory and maintained clean, efficient work areas
- Supported team operations and daily store tasks

Volunteer Experience

Water Festival — Event Volunteer

Brantford, ON • 2022

- Assisted with event setup, registration, and activity coordination
- Engaged participants and helped keep stations organized