

Karoly Ereky

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Highlights of Qualifications

- Enrolled in level 3 of an integrated 4.5-year joint technology & management program through McMaster University and Mohawk College
- Completed 100+ hours of biology & chemistry labs building a solid understanding of different concepts
- Effective organization & optimization skills acquired while working as an Engineering co-op student
- Well-developed problem solving and analytical skills developed through course and lab work
- Strong teamwork and leadership skills demonstrated as the Communications Officer for the Bachelor of Technology Association

Education

Bachelor of Technology, Biotechnology

Sept 2020 – April 2024

McMaster University, Hamilton ON

- Maintaining a cumulative grade-point average of 3.7 on a 4.0 scale
- Degrees earned upon completion
 - Bachelor of Technology Degree from McMaster University
 - Advanced Diploma in Biotechnology from Mohawk College
 - Business Management Certificate from Mohawk College

Experience

Research and Development Co-op -

*STEMCELL Technologies, Vancouver BC,
May 2022 – August 2022*

- Documented experimental observations, analyzed data, and summarized findings
- Presented data at group meetings with guidance from supervisor
- Performed lab procedures including RNA and DNA extractions
- Troubleshooted standard experiments & providing input to experimental design
- Assisted with lab procedures such as, cell processing, inventory supplies, waste disposal, and safety measures

Extracurricular activities

Communications Officer

*Bachelor of Technology Association,
McMaster University,
Fall 2020 – Present*

- Collaborated with society members to create relevant & exciting events for B.Tech students which resulted in 1000 attendees
- Compiled bi-weekly meeting minutes into memos to forward to all association members
- Developed teamwork and leadership skills by working cooperatively with members to achieve the common goal of creating successful student events

Certifications

- **Bio Safety Training** | McMaster University
- **Fire Safety Training** | McMaster University
- **WHMIS** | McMaster University
- **Standard First Aid** | St. Johns Ambulance

Skills

- C/C++, Python, MultiSim, AutoCAD
- pH Balance Reactor
- Distillation at Total Reflux
- DNA Extraction and Analysis