

MICHAEL SCOTT

CHEMICAL ENGINEERING & BIOENGINEERING STUDENT



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HIGHLIGHTS OF QUALIFICATIONS

- Enrolled in level 3 of the 5-year Chemical Engineering & Bioengineering Co-op Program
- Dedicated team player, with strong interpersonal skills strengthened through leading initiatives with the Bioengineering at McMaster Society
- Exceptional communication and organizational skills developed through data analysis, technical report writing and presentations

EDUCATION

Bachelor of Engineering & Biosciences, Chemical & Bioengineering

McMaster University, Hamilton ON

Expected Completion
April 2020

- Achieved a grade point average of 3.8 on a 4.0 scale

Relevant Courses:

- Thermodynamics
- Microbiology & Biotechnology
- Introduction to Reactor design
- Introduction to Organic Chemistry
- Heat Transfer
- Metabolism & Physiological Chemistry
- Process Model Formulation & Solution
- Application of Chemical Engineering in Medicine

PERSONAL PROJECTS

Heat Exchanger Design

Fall 2017

- Collaborated in a group with 3 other students to design a heat exchanger that met the requirements of the given parameters of a juice pasteurization process at a minimal cost

EXPERIENCE

Research and Development Assistant STEMCELL Technologies Inc., Vancouver BC

May –
Dec 2018

- 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 and provided input into experimental design
- Assisted with lab procedures such as, cell processing, inventory supplies, waste disposal and safety measures

EXTRACURRICULAR ACTIVITIES

Vice President of Events Bioengineering at McMaster Society

Mar 2017 –
April 2018

- Facilitated event planning and logistics for student socials, industry nights and other executive club events
- Recruited representatives from multiple health care companies to deliver presentations on and insights into the bioengineering industry
- Collaborated closely with other members of the club to ensure that event logistics and budget were well defined

SKILLS

- AutoCAD,
- MATLAB
- Aspen Plus
- PeopleSoft
- WHMIS certified
- Standard First Aid certified
- Trained on chemical handling & spills
- Technical report writing
- Bioprocess development including downstream processing