# Jessica Lim

✉ limj31@mcmaster.ca  in linkedin.com/in/jlim  ⌂ jessicalim.me  github.com/JessicaLim8

## EDUCATION

**McMaster University**  Hamilton, ON
B. Eng. Software and Biomedical Engineering (Co-op), Class of 2023  GPA : **4.0 / 4.0**

Technical Skills   JavaScript • Java • Python • HTML5 & CSS • C

Frameworks & Tools   React.js • Express • Git • Vim • Rails • ElasticSearch • AutoCAD • LaTeX

Courses   Data Structures & Algorithms • Lean Six Sigma Yellow Belt • Principles of Programming • Discrete Mathematics

## WORK EXPERIENCE

**Microsoft Canada**  | Garage Software Engineer Intern  May 2020 - Aug 2020 | Vancouver, BC

**Royal Bank of Canada**  | Software Developer Intern  May 2019 - Aug 2019 | Toronto, ON
- Developed and designed an interactive data portal used by 5000+ employees within RBC, using React.js and Node.js
- Created an interactive SlackBot with other interns to increase worker productivity within the Technology department

**McMaster Faculty of Engineering**  | Teaching Assistant  Sep 2019 - Present | Hamilton, ON
- Develops course content and career path resources that are distributed to Faculty of Engineering students
- Instructs and invigilates Python computation and AutoCAD Inventor labs to 50+ first year students

**Jumpstart**  | Growth Marketing Intern  Mar 2019 - Aug 2019 | San Francisco, CA
- Communicated remotely with 100+ students and tech communities to create employment connections on Jumpstart
- Engaged with customers to help increase platform users and engagement levels across the site

## LEADERSHIP

**McMaster Varsity Field Hockey Team**  | Co-President & Captain  Sept 2018 - Present | Hamilton, ON
- Varsity athlete competing in weekly games within the Ontario University Athletics (OUA) Field Hockey league
- Takes initiative in tracking team fitness and workouts, organizing training camps and budgeting expenses
- Awarded Field Hockey Rookie of the Year, 2019

**McMaster Faculty of Engineering**  | Outreach Representative  Sep 2018 - Present | Hamilton, ON
- Represents the Department of Biomedical Engineering and Health Sciences among prospective students & faculty
- Speaks at recruitment panels and writes articles to encourage students to pursue careers in health and technology

**DeltaHacks**  | Supportive Relations Lead  Apr 2019 - Present | Hamilton, ON
- Organized a 24-hour hackathon for 800+ students at McMaster Univeristy - MLH's 4th-ranked hackathon community
- Contacted companies and non-profits to arrange keynote speeches, workshops, judging and mentorship for the event

## AWARDS

**Ontario Professional Undergraduate Engineering Scholarship**  Ontario Engineering Foundation - 2019
Outstanding academic achievement and leadership in professional affairs

**Shimco Scholarship**  McMaster University - 2019
Leadership and co-operation in community endeavours and high academic achievement

**Big Ideas with Impact Pitch Finalist**  McMaster University - 2020
One of twenty students selected to for exceptional community involvement & extracurricular participation

## PROJECTS

**Voice Prep**  | Hack the North  Sep 2019 | Waterloo, ON
- A speech-recognition interview prep tool that analyzes voice patterns and cues, designed using React.js & Node.js,
- Uses the Microsoft Azure API to create reports based upon word repetition, sentiment analysis, and cadence trends

**BrAsthma**  | McMaster University  Jan 2019 | Hamilton, ON
- An embedded Python program that uses data analytics to identify, flag, and analyze asthmatic breathing patterns
- Wearable device uses sensors connected to a Raspberry Pi to notify patients when they are at risk of an asthma attack