

# ALEX MOICA

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## Education

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Hamilton, ON	McMaster University	Expected Graduation April 2022
<ul style="list-style-type: none"><li>B.Eng. in Software Engineering (Co-op)</li></ul>		

## Work Experience

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Vice President Academic	McMaster Engineering Society	March 2019 – Present
<ul style="list-style-type: none"><li>Liaise with Faculty and department representatives regarding the academic concerns of over 5500 students</li><li>Organize/oversee all academic initiatives of the Faculty of Engineering and the MES</li><li>Develop and review new courses, manage numerous committees, and liaise with the SRA &amp; Senate Representatives with regards to relevant university issues such as tuition and course evaluations.</li></ul>		

Director of Public Relations	McMaster Engineering Society	April 2018 – March 2019
<ul style="list-style-type: none"><li>Grew social media channels by over 40 000 engagements, and exemplified <b>leadership</b> and <b>oral communication skills</b> through communicating effectively with over 5000 students to create and promote events and activities.</li><li>Promoted all activities and initiatives of the MES to the Faculty, university, communities, and industries.</li><li>Effectively collaborated with industry representatives to coordinate joint initiatives.</li></ul>		

## Projects

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- Android CV (2018):** Cross-platform integration of OpenCV with Android to enable face detection and processing. Currently detects over 10 concurrent faces and tracks head movements. Future goals: implement face recognition, image database, and progress to wearable technology. *Java, Android Studio, OpenCV*
  - Website (2018):** Personal professional website created to increase my internet presence while better advertising myself to potential employers. Written in pure HTML & CSS, implementing jQuery for various on-click effects. *HTML, CSS, jQuery, Photoshop*
  - Assets (2017):** Python bank account balance tracker meant to provide a quick overview of all my accounts and the purchases made from them. Heavy integration of the Tkinter and matplotlib libraries. *Python*

## Activities & Leadership

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Junior Design Coordinator	McMaster Engineering Competition	Feb. 2018 – Nov. 2018
<ul style="list-style-type: none"><li>Employed <b>teamwork</b> and <b>time-management</b> skills in leading a team of volunteers and overseeing logistics to keep the competition running smoothly.</li><li>Implemented an innovative challenge that tackles one of societies biggest engineering-related problems to offer aspiring engineers experience towards building their confidence and competence in engineering.</li><li>Created instructional booklets and large-scale testing apparatus used for judging the submitted designs.</li></ul>		

Computer Science Mentor	Google & McMaster Outreach	Oct. 2017
<ul style="list-style-type: none"><li>Alongside Dr. Christopher Anand, mentored ~50 students from Huntington Elementary School on functional programming, demonstrating <b>computer, analytical, problem solving</b>, and <b>oral communication skills</b> in writing, debugging, and compiling both personally written and student written code.</li><li>Taught and helped students implement basic programming and mathematical principles.</li></ul>		

## Skills Overview

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- Programming Languages & Markup:** C, Python, Java, HTML, CSS
  - Industry Tools:** Git, Android Studio, Photoshop
  - Non-Technical Skills:** Leadership, Oral & Written Communication, Problem Solving, Teamwork, Time Management