

MCKALE CHUNG

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CONTACT

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EDUCATION

First Year Mechatronics
Engineering, University of
Waterloo

SKILLS

- Experience in HTML, CSS, ReactJS, Python, Fusion 360 3D Modeling, and Digital Illustration
- Experience working with individuals of all ages
- Marketing, Leadership, Communication

COMPETITIONS AND AWARDS

- University of Calgary 2021 Summer Design Series 2nd Place Winner
- University of Ottawa designathon first place winner
- 2021-2022 JASAB Company of the Year, Shareholders Report of the Year, Tradeshow Booth of the Year

OBJECTIVE

I am a highly disciplined team player seeking opportunities to develop my leadership skills and contribute to the community.

INVOLVEMENT AND EXPERIENCE

ALBERTA COLLEGIATE ROBOTICS SOFTWARE TEAM MEMBER

AC Robotics | April 2022- Present

- Work on the software application of a robot for RoboCup, using sensors to create a full autonomous robot capable of playing football with other machines.
- Compete in Designathons and Hackathons

STEM FELLOWSHIP AMBASSADOR

STEM Fellowship | January 2019 - Present

- Spread news about STEM events and opportunities for students
- Partner with STEM related organization to market STEM Fellowship

BISHOP O'BYRNE ROBOTICS TEAM MEMBER

Bishop O'Byrne High School | September 2019 - June 2022

- Mechanical role in creating robots to compete in the annual VEX competitions

JUNIOR ACHIEVEMENT COMPANY PROGRAM EXECUTIVE

Vice President of Information Technologies | February 2021 - May 2022

- Created the company website and managed communication
- Led the IT team in website design and group discussions
- In the 2022 term, I fully designed our Share holders Report which won the 'Share Holders Report of the Year' Award

Vice President of Finance | October 2019 - May 2020

- Led the Finance Department of a Youth-Created Company
- Tracked Company Financed and created financial documents

PROJECTS

PREDICTING SONG GENRES WITH COMPUTERIZED SOUND METRICS

[GitHub Repository Link](#) | August 2022

- A Python Machine Learning project predicting song genres based on metrics such as 'loudness' and 'energy', with hyper parameter tuning and adaptive boosting.

CERTIFICATIONS

DATACAMP DATA SCIENTIST IN PYTHON

DataCamp | August 2022

- Course dedicated to teaching data analysis, visualization, and machine learning fundamentals in python. Package experience includes seaborn, pandas, and scikit learn.
- [Certification Link](#)