



Marcus Kittelson

A software engineering student with a strong foundation in programming languages and a passion for solving complex technical challenges.

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EDUCATION

Software Engineering

University of Calgary

09/2021 - Present

3.45 GPA

WORK EXPERIENCE

Certified Drone Operator

Mkitt Media

06/2019 - Present

CEO of a Calgary licensed media company. Operating drones for a multitude of sectors and applications. Holding an RPAS pilot certificate. Utilizing a broad range of softwares.

Safety Monitor

PMO Global Services

07/2021 - 06/2022

Worked on the film set of 'The Last of Us' to ensure safety protocols are in effect. Variety of work, includes communicating with the actors to helping with on-location network setup. Worked days up to 16.5 hours and weeks up to 80 hours.

SKILLS

Positivity

Problem Solving

Communication

Problem Solving

Time Management

Creativity

PERSONAL CODING PROJECTS

Sustainable Elevator Informant

- Using an ultrasonic sensor integrated with a raspberry pi, the program would detect motion and reduce the energy consumption of elevators. Was created in a sprint style hackathon.
- <https://devpost.com/software/sustainable-elevator-informant>

Maglev Smart Sonar System

- Won the award for best use of hardware in CalgaryHacks 2022. Program was created to reduce the energy consumption of magnetic levitation trains by calculating the optimal hover distance live, using a sonar sensor with a raspberry pi.
- <https://devpost.com/software/maglev-smart-sonar-system>

CERTIFICATES

Basic Operations Pilot Certificate - Transport Canada (06/2019)

Certificate #: PC1917825194

Business Licence - City of Calgary (06/2021)

Business Licence #: BL245348

Cloud Essentials - Amazon Web Services (06/2022)