

Isaac Meadowcroft

U2 McGill Computer Science

Contact Info



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LinkedIn

linkedin.com/in/isaac-meadowcroft-grijalva

Projects



Website

isaacmeadowcroft.github.io/site



McFitt

devpost.com/software/mcfitt



Resume

github.com/IsaacMeadowcroft/CV



GitHub

github.com/IsaacMeadowcroft

WORK EXPERIENCE



May 2020 - Aug 2020

Ericsson Backend Software Engineer Intern

- Designed zero downtime database upgrade using logical replication
- Created Jenkins pipeline with SonarQube and Xray vulnerability scan
- Fixed Java logical errors in Customer Support web application backend
- Debugged Rest API of Customer Support web application using Postman
- Wrote Bash, Batch, Python and Ansible Playbook scripts
- Ericsson offered to extend internship



Jan 2020 - Present

McGill Computer Science Teaching Assistant

- Intro to Computer Science T.A.-ship, supervised by Prof. Giulia Alberini
- Held weekly office hours discussing Big O notation and time complexity
- Wrote quiz questions and answered discussion board questions



Sep 2019 - May 2020

McGill Student Researcher

- Worked in Professor Joseph Vybihal's Drone Swarm project
- Constructed drone from scratch using an Arduino Nano
- Programmed drone to avoid objects using Arduino IDE

SKILLS

Coding: Java, C, Python, SQL, Bash, OCaml, Groovy, MATLAB, MIPS

Web Development: JavaScript, HTML, CSS, JQuery, AngularJS

Software Tools: Git, Jenkins, JUnit, Gerrit, Makefile, Gprof

Experienced with: Linux, MacOS, Windows Operating Systems

Skilled with Databases: PostgreSQL, MongoDB, EDB Postgres

Strong Grasp of: Object-Oriented Design, Encapsulation, Inheritance

Languages: English, French, Spanish

EDUCATION



McGill University (2018 - 2021)

B.Sc. in Honours Computer Science, GPA : 3.73 / 4.00



Marianopolis CEGEP (2016 - 2018)

Pure and Applied Science DEC, R score : 35