Isaac Meadowcroft

U2 McGill Computer Science

Contact Info

Email
isaac.meadowcroft@outlook.com

Address
4415 Mayfair, Montreal, QC

Phone
514-998-3632

Linkedin
linkedin.com/in/isaac-meadowcroft-grijalva

Projects

Website
isaacmeadowcroft.github.io/site

McFitt
devpost.com/software/mcfitt

GitHub
github.com/IsaacMeadowcroft

Work Experience

2020 (Summer)

Ericsson Backend Software Engineer Intern

-Orchestrated zero downtime database upgrade using logical replication
-Fixed Java logical errors in Customer Support web application backend
-Increased security by adding vulnerability scan to Jenkins pipeline
-Wrote Bash, Batch, Python and Ansible Playbook scripts

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
-Created quiz questions and corrected exams

2019 - Present

McGill Student Researcher

-Worked in Professor Joseph Vybihal's lab as part of his Drone Swarm project
-Constructed an Arduino Nano drone and programmed it to avoid objects

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: OOP, Encapsulation, Inheritance

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

CV built with HTML and CSS