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

McFitt
devpost.com/software/mcfitt

Website
github.com/IsaacMeadowcroft/site

Resume
github.com/IsaacMeadowcroft/CV

GitHub
github.com/IsaacMeadowcroft

WORK EXPERIENCE

May 2020 - Aug 2020

Ericsson Backend Software Engineer Intern

-Designed zero downtime Postgres upgrade using EDB Replication Server
-Integrated Jenkins pipeline with Bitbucket, SonarQube and JFrog Xray scan
-Fixed MongoDB query bug in Customer Support web application backend
-Debugged Rest API of Customer Support web application using Postman
-Wrote Bash, Batch and Python scripts to fix miscellaneous issues
-Received an offer to extend internship from Ericsson

Jan 2020 - Present

McGill Computer Science Teaching Assistant

-TAship for *Intro to Computer Science*, 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 for 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