Sadisha Galappatti

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WORK EXPERIENCE

BlackBerry Limited   September 2015-September 2016
(Software Development Student)
- Built restful API's following a microservice architecture as part of a 2.0 deployment of BlackBerry CloudConsole application
- Developed on top of an asset tracking configuration management platform
- Created and delivered introduction courseware outlining the adoption process of the tool

McMaster University Biomed/Biochem Department   May-August 2015
(Computer Software Assistant)
- Developed tools for researchers to automate genome sequencing task such as converting FASTQ or fna to FASTA format
- Integrated graphical user interface for previously built command line interface programs
- Optimized current bio-informatics website to achieve performance enhancements

Population Health Research Institute   May-August 2014
(Junior Software Developer)
- Managed the integrity of a database and pushed updates when needed
- Built a custom Android application with a team for a cardiovascular study as a method of data collection

PROJECTS

#fixitkw (Waterloo Codefest)   November 2015
- Used the Twitter and Instagram API to track, and map, #fixitkw in real-time

SidChat(A socket.io chatroom)   April 2015
- A very simple socket.io chatroom used as a learning initiative

EDUCATION

Bachelor of Engineering
McMaster University, Hamilton, ON   Class of 2017
Concentration: Software Engineering

SKILLS

Intermediate:
- Java, Python, Ruby(Rails), Javascript, HTML, CSS, MySQL, Git, Linux

Novice:
- C/C++, C#, Elasticsearch, Grafana

VOLUNTEER EXPERIENCE

Member of Wellwood Board of Directors   2013-Present

EXTRA-CURRICULAR

Software Engineering Club VP Finance   2016-Present
Software Engineering Club Executive of Multimedia Productions   2014-Present