Akshal Aniche

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EDUCATION

B.SC. IN HON. COMPUTER SCIENCE
McGill University, Montreal, QC
Graduation: February 2020
Cum. GPA: 3.98, First-Class Honours

COURSEWORK

Applied Machine Learning
Artificial Intelligence
Computer Graphics
Functional Programming
Network Science
Robotics

SKILLS

PROGRAMMING
Java • Python • C • C# • Bash •
HTML • CSS • JavaScript •
C++ • .NET • SQL

SOFTWARE
Git • Slack • Unity3D • Matlab

OTHER
Team management • Public speaking •
Workshop facilitation • Conflict resolution

LANGUAGES
Fluent: French • English • Gujarati
Advanced: Spanish (B2 Certification)
Intermediate: Malagasy • Hindi

LINKS

Github:
github.com/akshalaniche
LinkedIn:
www.linkedin.com/in/akshalaniche

AWARDS

2016-2020 Edward W Beatty Scholarship
2017-2020 Dean's Honour List

VOLUNTEERING

SCIENCE EQUITY COMMISSIONER
September 2018 - December 2020
- Designed and gave training to upwards of 150 executives.
- Created policies for more equitable practices in the society.

PROFESSIONAL EXPERIENCE

PEER FACILITATOR | Our Shared Spaces
May 2019 - May 2020 | Montreal, Quebec
- Facilitated 15 workshops for 20-50 first-year students about equity, diversity and inclusion under the Mcgill Office of the Dean Of Students.
- Created a workshop to lead a discussion with participants with different levels of prior knowledge, about gender, sexuality and consent.
- Used conflict management strategies to improve team relationships.

UNDERGRADUATE TEACHING ASSISTANT
September 2018 – January 2020 | Montreal, Quebec
- TA for the "Programming Languages and Paradigms" course at McGill University under Dr. Brigitte Pientka and Dr. Prakash Panangaden.
- Delivered one-on-one and group assistance to students about functional programming strategies for classes of upwards of 200 people.

IT CONSULTANT | Javerchand Raissy Inc.
June 2019 — September 2019 | Antananarivo, Madagascar
- Advised and recommended the client on their needs regarding inventory control software for a small wholesale business.
- Facilitated a smooth transition to the software and all relevant training for a staff of ten individuals.

RESEARCH INTERN | Flipper: Talk To Your Robot
June 2018 – August 2018 | Kaiserslautern, Germany
- Worked under Ivan Gavran at the Max Planck Institute on Flipper, an interface for natural language communication in a simulation (flipper.mpi-sws.org).
- Improved the design of the front end interface using ReactJS and JQuery for a better user experience and implemented an extension of the parsing process to improve sentence comprehension in Java.

INDEPENDENT PROJECTS

NETWORK ANALYSIS OF TWITTER FAN CULTURE
November 2019 - December 2019
- Generated a Twitter user network by multi-seed snowball sampling
- Performed different clustering techniques and network pattern analyses using Python to research the structure of fan followings on Twitter.

LANGUAGE ANALYSIS IN ONLINE COMMUNITIES OF COLOR
September 2019 - December 2019
- Identified discussion topics prevalent in collections of posts from select Reddit communities of color and analyzed sentiment around some topics to study how race affects conversations in online communities

BAMBOODGET
November 2018 – December 2018
- Created a web application for users to track and budget their monthly spending, built in ReactJS using XAMPP and the Laravel PHP framework, with an SQL database.

ASHES TO ASHES
February 2018 | McGill Game Dev Society Game Jam
- Created an arcade style game, from the art assets to the gameplay mechanism, in C# using Unity3D, for web use.