Akshal Aniche

Montreal, QC

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EDUCATION

B.SC. IN HON. COMPUTER SCIENCE
McGill University
Montreal, QC
December 2019
Cum. GPA: 3.97

FRENCH BACCALAUREATE
Lycee Francais de Tananarive
Antananarivo, Madagascar
June 2016
Science stream, Mathematics Specialty
European Designation in English
Summa Cum Laude

COURSEWORK

Artificial Intelligence
Applied Machine Learning
Computer Graphics
Algorithms and Data Structures
Software Design
Functional Programming

SKILLS

PROGRAMMING
Java • Python • C • C# • OCaml • Bash • HTML • CSS • JavaScript (ReactJS)

SOFTWARE
Git • Slack • Unity3D • Matlab • LaTeX

OTHER
Team collaboration • Public speaking • Workshop facilitation

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
2017-2018 Dean's Honour List – Science
2018 Faculty of Science Scholarship
2018 Dr Feng Qian Scholarship
2017 Dorothy Xanthaky Scholarship
2017 Accenture Prize–Science

PROFESSIONAL EXPERIENCE

UNDERGRADUATE TEACHING ASSISTANT
September 2018 – Present | Montreal, Quebec
- Teaching Assistant for the "COMP 302: Programming Languages and Paradigms" course at McGill University under Dr. Brigitte Pientka and Dr. Prakash Panangaden.
- Delivered one-on-one assistance to students about functional programming techniques and strategies for a class of 250 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.
- Supervised the transition from paper to virtual tracking of inventories, sales and shipments.
- Introduced a staff of 10 individuals to the software and facilitated their training for a comfortable transition.

RESEARCH INTERN | Flipper: Talk To Your Robot
June 2018 – August 2018 | Kaiserslautern, Germany
- Worked under Ivan Gavran at the Max Planck Institute for Software Systems on Flipper, an interface for natural language communication in a simulation, available at flipper.mpi-sws.org.
- Improved the design of the front end interface in ReactJS for better user experience.
- Added a reference dictionary of all commands parsed by the program.
- Implemented an extension of the parsing process to improve sentence comprehension.

INDEPENDENT PROJECTS

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 in C# using Unity3D, for web use.
- Designed and drew all art assets in Adobe Photoshop.
- Game available at akshalaniche.itch.io/ashes-to-ashes.

VOLUNTEERING EXPERIENCE

MCGILL SCIENCE SOCIETY (SUS) EQUITY COMMITTEE
September 2018 - April 2020 | Equity Commissioner
- Designed and gave training to upwards of 150 executives from the SUS and 19 science departmental associations.
- Handled equity complaints under the scope of the SUS.
- Worked with the executive committee within SUS to ensure good practices in the society.