

Sami Sahnoune

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Seeking a technical internship position for summer 2018.

EDUCATION

McGill University, Bachelor of Science | Physics and Computer Science

expected graduation: May 2019

Dean's Honour's List, Faculty of Science Scholar, Killam Scholar, ExxonMobil Teagle Scholar

Montreal, QC

- Data Structures and Algorithms
- Artificial Intelligence (Winter 2018)

EXPERIENCE

Barrios Technology, NASA Johnson Space Center

Systems Engineering Intern

May 2017 – Aug 2017

- Built internal reporting tool for the International Space Station stowage team to document volume capabilities on station
- Successfully performed data migration and querying using SSIS/ETL and SQL, API creation using Swagger and C#, and report automation and presentation using C# and Visual Basic

Barrios Technology, NASA Johnson Space Center

Technical Specialist Intern

Jun 2015 – Aug 2015

- Maintained antiquated reports and request forms for International Space Station documentation
- Successfully performed data processing, analysis, and migration of hundreds of mission files to in-house internal tools

Space Center Houston

Operations Crew Member

Feb 2015 – Jun 2015

- Educated thousands of people on NASA's objective in human spaceflight, exploration, and research

PROJECTS

McGill DataDive, *data analysis competition*

Aug 2017 – Nov 2017

- Organized and developed data challenges for over 200 competitors in the first McGill DataDive hackathon
- Acquired corporate sponsors, designed event media in Photoshop and Illustrator, and communicated hackathon details using various social media channels

Epoch, *Chrome extension for productivity*

May 2017

- Developed a new-tab page featuring a task list, motivational quote, and countdown timer until day-end
- JavaScript, APIs, and principles of web design used in implementation

Soter, *Android application*

Jan 2017

- Built concept application for notifying emergency contacts of perceived or imminent danger
- Explored Android functionalities in identifying factors and detecting user triggers associated with emergencies

Convolute, *web application*

Dec 2016

- Implemented a history-based convolution matrix applying kernel weighting to bitmaps using Python and CGI

SKILLS & MISC

Programming

Java, Python, SQL (proficient) | JavaScript, C#, OCaml (intermediate) | C, C++ (previous experience)

Technologies

Linux, Git, Microsoft Office, HTML/CSS, SSIS/ETL, Visual Basic

Extracurriculars

Computer Science Undergraduate Society, McGill Students' Astronomy Club

Interests

artificial intelligence, space, technology, Internet of Things, photography