SAMI SAHNOUNE

PHYS|CS

PROFILE

Name
Sami Sahnoune

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4227 Misty Heather Ct.,
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EDUCATION

McGILL UNIVERSITY
Montreal, QC
B.Sc, Physics and Computer Science
September 2015 – May 2019
GPA – 3.96

CLEAR LAKE HIGH SCHOOL
Houston, TX
September 2011 – June 2015
GPA – 3.94

COURSERA STANFORD
Online
Summer 2016
Machine Learning taught by Dr. Andrew Ng.

EXPERIENCE

BARRIOS TECHNOLOGY @ NASA JOHNSON SPACE CENTER
MAPI Intern
June 2015 – August 2015

Maintained antiquated CoFR, Data Configuration, and Change Request forms for International Space Station operations. Performed data analysis, documentation, and upload onto local COSMOS server, successfully logging hundreds of files over period of internship.

SPACE CENTER HOUSTON
Operations Crew Member
February 2015 – July 2015

Educated thousands of people on NASA's missions in human spaceflight, space exploration, and research. Showcased Johnson Space Center's attractions to guests, contributing to an insightful, scientific experience.

PROJECTS

SOTER
February 2017 – Present
An Android application built at Concordia University hackathon, ConUHacks. Soter allows users to notify preset emergency contacts of danger rapidly by identifying external factors associated with dangerous situations and detecting user triggers. This application is still in development.

EPOCH
January 2017
A Chrome extension geared toward motivating users to be more productive online. Featuring a task list, motivational quote, and countdown timer until day-end, this extension solidified my interests in Javascript, APIs, and web design.

CONVOLUTE
December 2016
A web application that implements a convolution matrix based in kernel weighting, resulting in mask filtering with history. Implemented in Python and quickened by ctypes, the image convolution is displayed through CGI.

PROGRAMMING

Python, Java, C, SQL, HTML, CSS, Javascript

SOFTWARE

Microsoft Office, Plot.ly, Tensorflow

SKILLS

Data Analysis, Automation, Word Processing

INTERESTS

Space, Artificial Intelligence, Startups

AWARDS

McGill Dean's Honour List, McGill Faculty of Science Scholarship, McGill University Killam Scholarship, ExxonMobil Teagle Scholar, BEEC Scholar, CollegeBoard National Achievement Semifinalist, Houston Livestock Show and Rodeo Metropolitan Prize

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