

SOULEIMAN AYOUB

SOFTWARE ENGINEER

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EXPERIENCES

Initiation to research

Polytechnique Montreal

09/2019 - Now

2900 Boulevard Édouard-Montpetit

- Segmentation du cerveau chez les nouveaux-nés à partir d'images IRM 3D en utilisant des CNN (plus précisément un U-net)

Research assistant

Shriners Hospitals for Children

05/2018 - 08/2018

- Design of an Android application to help children become familiar with their handicap and thus de-stress them and make them more comfortable with themselves

Tutor in Computer Science, Mathematics and Physics

Cegep Bois-de-Boulogne

- Help students from my school with their classes

PROJECTS

Co-founder of a start-up (unregistered)

Unilinks

Cross-platform Progressive Web App (iOS, android, web) which aims to highlight the interuniversity events of different associations.

Chess AI in Python

Cegep Bois-de-Boulogne

- Implemented : Artificial Neural Network and Alpha-Beta pruning

Angular velocity in arbitrary dimensions

McGill Physics Hackathon

Website that displays the rectangular prism movement with the dimension of your choice (on github).

REFERENCE

- Dr. Argerie Tsimicalis
@ argerie.tsimicalis@mcgill.ca
(514)398-8142
- Others on request

EDUCATION

Undergraduate in Software Engineering

Polytechnique Montreal

PROUD OF ...



Recipient of the Admission Excellence Scholarship of the Polytechnique Foundation and from the director general



Prices

- 2nd place CEGEP math competition (COMC)
- 2nd place pitch competition at Polytechnique
- 1st place in my year for the hackerrank competition (top 5 of the university which includes 115 people in software engineering)



Participated in 2 CTF & 6 Hackathons

HackM9 Collège Rosemont ctf
Hackathon d'AI à UdeM (Lode Runner)
HackQC LHGames
McGill Physics Hackathon
Hackathon bd

TECHNOLOGIES

Python Javascript Java C/C++
HTML CSS Angular Brainfuck

TensorFlow scikit-learn Numpy
Pytorch Git Ionic Angular
Firebase p5.js flask & django
Many others

LANGUAGES

French ●●●●●

English ●●●●●

Arabic ●●●●●