


Moulai Hassina Safaa

Described as calm and eager learner, solving problems is a passion of mine as much as mastering tools and programming languages. I'm looking forward more knowlege about computer science specialy Artifical intelligence, Computer networks and Optimization.


 Download Resume



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Education

09/2017 - 07/2019

Masters - Intelligent Computer Systems

University of Science and Technology Houari Boumediene, Algiers

Machine Learning | Natural Language Processing | Data Mining | Information Retrieval | Knowledge representation and reasoning | Constraint programming | e-Commerce & Web services | Advanced Databases(Object oriented).

09/2014 - 06/2017

Bachelor - Computer science

University of Science and Technology Houari Boumediene, Algiers

Mathematics | Algorithmics | Operational research | Computer architecture | Databases | Programming and Web development | Physics | Analog electronic.

07/2014

Scientific Baccalaureate

El Seddik Abdellah High School, Algiers

Mathematics | Physics | Chemistry | Natural science | Foreign languages(Fr+En) | Philosophy | History and geography.

Work experience

06/2016 - 07/2017

Call Center Operator (summer job)

Algiers

SCI PIERRE EPARGNE

- Calling Potential Customers.
- Developed statistics over people's savings preferences.
- Convincing Customers to put their savings into Pierre Epargne company.

11/2018 - 07/2019

Algiers

Intern, Master's Graduation Project IADM, Computer Science Dprt./USTHB

- Created a simulator for different environments (complex, simple, semi-complex).
- Created Multi-robots system to look for targets in unknown environments
- Implemented strategies for avoiding obstacles in unknown environments.
- Implemented Panification strategies based on swarm intelligence to look for targets in unknown environments.
- Visualization in real time of the search for targets in unknown environment.
- Implemented a strategy to fix and optimize parameters of planification algorithms.

Technologies: **Python, numpy, Matplotlib, PIL, Java, Javafx, Jfoenix, Css.**

11/2016 - 06/2017

Algiers

Intern, Licence's Graduation Project Riima, Computer Science Dprt./USTHB

- Created a board emulator using the depth of images.
- Created Air drawing application.
- Extraction of information from images.
- Developed some strategies allowing to Draw and Erase drawings.

Technologies: **C++, Kinect tools, Opencv, OpenNI.**

Languages

Arabic(native)
French(bilingue)
English(advanced)

Skills & competences

Programming Language

Python, Perl, Matlab, Java, C++, C, Latex Javascript,

Data Science

Machine Learning

Matlab toolbox , TensorFlow.

Data Manipulation

Data Cleansing, Data Scraping, Data Visualization, Numpy.

Natural Language Processing

Text Classification, Corpus Building, NLTK

Backend

Django,

Databases & Storage

MySQL, MongoDB

Frontend

VueJS, Bootstrap

Tools

Git, Kinect, Cisco.

Extracurricular

06/2018

Leapfrog Hackathon
DarTech- Dounia Park, Algiers

Algiers

05/2017

Competition for the best final project
University of Science and Technology Houari Boumediene

Algiers

Interests

Volunteer Work | Free/Open source software | Community Involvement | Club Memberships | Problem solving | Books | Learning languages.