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IBRAHIM EL OUARD

PROFILE
Senior year of Master's in ROBOTICS with good interpersonal skills, seeking a 6-MONTH INTERNSHIP from February 2019 to August 2019.

EDUCATION

MASTER'S DEGREE IN ROBOTICS, CPE LYON (FRANCE)
2016-Present

- COMPUTER VISION
- ARTIFICIAL INTELLIGENCE
- SOFTWARE FOR ROBOTICS
- ELECTRONICS FOR ROBOTICS
- ADVANCED AUTOMATIC
- MOBILE ROBOTICS

BACHELOR'S DEGREE IN ELECTRONICS, COMPUTER SCIENCES AND TELECOMMUNICATIONS, CPE LYON (FRANCE)
2013-2016

- SOFTWARE ENGINEERING
- DATABASES
- IMAGE PROCESSING
- NETWORKING
- SIGNAL PROCESSING
- ELECTRONICS AND EMBEDDED SYSTEMS

PROJECTS

MAKE PEPPER DANCE
MAY 2017
Taught dance movements to ALDEBARAN'S robot Pepper using python

B.A.T.M.A.N CAR
MAY 2017
Developed a DEBIAN-based car using BATMAN protocol to communicate with sensors and other cars

FHACKTORY HACKATHON
OCTOBER 2016
Programmed a wireless robot controlled by hand gesture. Won an international it competition (1st prize)

HACKATHON SOLUTEC
JUNE 2016
Developed an ANDROID app using OPENCV, deep learning python and C++ for an it competition (2nd prize)

SKILLS

Fluent:

Python – Linux environment – R.O.S - Java - Javascript (Node.js & JQuery) – HTML & CSS

Familiar:

C & Embedded C – Matlab – C++

WORK EXPERIENCES

SOFTWARE ENGINEER INTERN, HOPLITE POWER (NEW YOK, USA)
January 15th, 2018- Present

Participated in the development of Hoplite hub 2nd generation's software:
Java. Python. Embedded C.

ROBOTICIST INTERN, PLEN ROBOTICS (OSAKA, JAPAN)
July 1st, 2017- January 12th, 2018

Contributed in the development of PLENCUBE's robot software under R.O.S:
Embedded Linux. Image processing. Automatic speech recognition. Management of web services. Artificial intelligence.

INTERNSHIP, PHILIPS LIGHTING (MIRIBEL, FRANCE)
July 1th, 2016- July 29th, 2016
Discovered the company and how it works. Assembled outdoor luminaires in Philips factory

INTERNSHIP, SHELTER (PARIS, FRANCE)
June 2015-July, 2015

Take part in the creation of a IoT Strat-up company:
- Designed electronic cards - Programmed prototypes
- Designed and printed 3D mechanical pieces

OTHER ACTIVITIES

- Vice-president of the graduate school music club
- Ice hockey with international competitions for 6 years
- Project manager at Synergie: the junior enterprise of the graduate school
- Communication manager of the sport union and the aid organization of the graduate school
- Sponsor manager of the association which plans the grad event

LANGUAGES

ENGLISH (C1 - FLUENT)
FRENCH (NATIVE SPEAKER)

ARABIC (NATIVE SPEAKER)
JAPANESE (BEGINNER)

SPANISH (BEGINNER)