

JAMALI HATIM

SUMMARY

- » Cyber Physical Systems applications arguably have the potential to eclipse the 20th century information technology (IT) revolution.

STATUS

The Embedded and Mobile Systems engineering student, ENSIAS, National school For Computer Science.

EXPERIENCES

Second Year Projects

ENSIAS,UM5, 2019 - now

- » Invent a Smart System for dust detecting in solar panel. (NOOR OUARZAZATE)
- » Traffic Sign Recognition Artificial Intelligent(OpenCV,sikitlearn,Python).
- » A traffic light system, designed to let cars through only when enough cars queue.(ADA)
- » Generate compiler pseudocode and interpreter pseudocode of language ada(Flex,C).

Software Development Internship

Presidency USMBA Fez, 07/2018

- » Design and develop software application for manage IP address in favor of University's establishments(JavaFX).
- » Learn management project Scrum methodology.

First Year Projects

ENSIAS,UM5, 2017-2018

- » Invented CANSAT(sounding rocket) to analyse Temperature,Humidity,Pressure real time (Python,Arduino,JAVA,MATLAB)
- » Develop software application used to manage shop and small supermarket.(language C)

Bachelor Final Project

FSDM,USMBA Fez, 2017

- » University library management system Science Faculty Dhar Mahraz (Spring,JEE)
- » Library management system with HTML, CSS, JAVASCRIPT, PHP (Certificate from Duke University)

EDUCATION

Engineering Student Mobile Embedded Systems

ENSIAS, 2017 - 2019 - now

- » Familiarity with ARM CORTEX M3 ADC, Timer, PWM, I2C, SPI, DAC(Embedded C).
- » FPGA/ASIC design tools, XILINX(Development in VHDL).
- » Critical real-time embedded system(ADA).

Bachelor of mathematics and computer science

FSDM,USMBA, 2014 - 2017

- » Develop software management student application for university(Java,JDBC,Swing)
- » File sharing in its network using the IP adress and communication port(Java,Swing)

Baccalaureate of Mathematical science

Sidi Brahim High School-FEZ, 2014

- » Improve my compétence for analysis and solve mathematical problems.
- » Improve my knowledge for physics systems(wave,optic,electric,mechanical,Chemistry).



CONTACT

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SKILLS

📄 Software Development

C /C++ - Python -Shell Scripting - PHP -
JAVA - JEE - ADA - Assembly Language



Embedded Technologies

ARM - FPGA (VHDL) - Atmega328 -
Arduino - Raspberry Pi3

🔗 Others

ORACLE - MYSQL - command line -UML -
Merise - Formal methods - EMF - OCL -
MDE - MATLAB

TOOLS

📄 Webstorm 🔗 SourceTree

🔧 Terminal 🖌 Photoshop - Eclipse -
Dreamweaver - Enterprise architect -
Android Studio - Microsoft Visual Studio

ACTIVITIES



OPERATING SYSTEMS

