



BOUGHTIB Siham

Engineer in Embedded Systems

Looking for End of studies professional project (internship)

(+33) 6 52 22 90 24 // Boughtib.siham@gmail.com

Goal: Invest my competences in the profit of an innovative company.

Master's degree, Embedded Systems

Faculty of Science and Technology, Nancy French, October 2019-2020

Engineering degree, Electronic Systems and Telecommunication

Faculty of Science and Technology, Fez Morocco, July 2016.

DEUST degree, Mathematics, Computer Science and Physics

Faculty of Science and Technology, Fez Morocco, July 2013.

High School Diploma (Baccalaureate degree with honors), Physics

Taurirt Morocco, July 2011.

PROFESSIONAL EXPERIENCES

Embedded System Engineer, ALTEN DELIVERY CENTER , Fez Morocco, November 2018-October 2019

- Code review of a C++11 API.
- System & SW requirements review in DOORS.
- Test specification creation and implementation in VTestStudio.
- Test execution in CANoe/Test bench.
- Test report analysis and defect reporting in RQM.
- Technical issues analysis & resolution.

Electronic Engineer, ZA SERVICE ET NEGOCE, Taourirt Morocco, February 2017– August 2018

- Responsible for installing, maintaining and repairing electronic equipment.
- Maintaining a safe working environment.

Engineering Intern, Nextronic FABLAB, Casablanca Morocco, January 2016 –July 2016

- Development of a simulation platform under Matlab for ANPR (Automatic Number Plate Recognition).
- Design of web app for the management of the parking lot using ANPR.

Engineering Intern, Colaimo, Oujda Morocco June 2015 –August 2015

- Design and implementation of a card based on a Microcontroller that allows the real time control and command via GSM.

Engineering Intern, Abener Energie, Ain Bni Mather Morocco July 2014 –August 2014

- Battery protection and enhancement of their life time.
- Conception and realization of an electronic card based on a Microcontroller for control charge and discharge of the battery.

ACADEMIC PROJECTS

- Voice recognition on Matlab.
- Simulator of modulation of Amplitude, Frequency and Phase on Matlab.

SUMMARY OF SKILLS

Programming: C/C++, Embedded C ,Java,CAPL, Assembly , VHDL,SystemC, Html/ Css ,MySQL.

Tools & Software: Matlab/Simulink, VTestStudio, CANoe, MicroC Eagle, Mplab, ModelSim, Xilinx, Quartus, DOORS,JIRA,Git.

Telecommunication Link: Satellite, Antennas, Optical Fibre, Digital Communication.

Serial Communication: USART, UART, RS232, USB, SPI, CAN.

LANGUAGES

Arabic : Native

French : Good

English: Good

Spanish: Beginne