



# BELMALLEM Marouane

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## Software Engineer

Hassania School of Public Works

### Studies

#### Hassania School of Public Works

2018-2021

Software Engineering and Systems Architecture

#### DEUG at the Faculty of Science Aïn-Chock

2016-2018

Mathematical Sciences and Applications

#### Baccalaureate at Othman Ibn Affane High School

2014-2016

Sciences Maths option A

### Experiences

#### Develop an application to manage the PREDICTIONS OF THE CIR revenue of French companies - [Leyton Consulting](#)

March -> August 2021

*Communicate with the customer and define the needs*

*Develop a data management and processing application*

*Develop an interface and API to interact with models*

*Communicate results with the client*

#### Development of a Dashboard to manage power consumption -

##### [VIGON SYSTEMS](#)

Juin -> Août 2020

Designing an IoT + AI system

Development of the Dashboards to present the data

#### Chabot Development Internship - [MedYouIn](#)

Juin -> Juillet 2019

Develop a ChatBot

Connect the program to web APIs to enrich its functionality

### Projects

#### Mortgage simulator for a bank - [React+Spring](#)

Study the customer's need

Distribute tasks for each team member

#### Application for managing projects - [React+Spring](#)

Web application to manage project tasks

#### Jeu Nine Men's Morris - [C++](#)

Graphic Mill game with different stages of difficulty

#### C-Pascal compiler - [C++](#)

Development of a compiler for a simplified language

### Volunteering

#### TEDx Manager - [Rotaract EHTP](#)

2020 Edition

#### Caravan Member and Designer - [Rotaract EHTP](#)

2019 Edition

#### Member of the Sponsoring Unit - [Hassania IT Club](#)

2019 Edition

### Certificates

#### Agile & Design Thinking - [U. Michigan](#)

Agile - Design Thinking - Project Study - UX...

### Technical Skills

- **Languages** : JAVA - Python - C/C++ - SQL - HTML - CSS - JS / ES6

- **Frameworks & Librairies** : React - Redux - Axios - Spring (MVC, Boot, Cloud, Data, Security)

- Laravel - Bootstrap - JPA/Hibernate - Maven

- **Databases** : PostgreSQL- MySQL - Oracle

- **Notions** : Design Pattern - Merise - UML

- **Technologies** : Git - Docker - Kubernetes - Rest API - Elasticsearch - Linux

### Languages

**Arabic**: Mother Tongue

**French**: good

**English**: good

### Hobbies

Football

Reading

Music