



# Afef Baccouche

software engineering student

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## EDUCATION

### ESPRIT - Private Higher School of Engineering and Technologies

Computer Engineering

### The Pioneer School of Gafsa

Scientific baccalaureate

## ACADEMIC PROJECTS

### System and network project

Esprit

01/2020 - 05/2020

#### Tasks

- Implementation and configuration of a network infrastructure for six connected sites. Each site contains DMZ, LAN, WAN, Pfsense, VPN, DHCP and IDS

### JavaEE / Asp.Net / WS (Rest Api) / Data Mining (Python and R) integrated development project:

Esprit

09/2019 - 01/2020

#### Tasks

- Creation of a human resources management web application for the startups Advyteam.

### Design and Development of an application for retirement homes

Esprit

01/2018 - 06/2018

#### Tasks

- Analysis and specifications of needs.
- Development of a Desktop application in Java Fx to manage various administrative tasks.
- Development of a web application in Symfony 4.
- Development of a Mobile application in Codename One and Json
- **Technical environment: Java, Symfony 4, CodeName One, Json, Mysql**

### Design and Development of an application for Bar Lounge (Yuka)

Esprit

09/2017 - 01/2018

#### Tasks

- Design and development of a desktop application in Qt.
- Management of reservations.
- **Technical Environment: Qt, C ++, MySql**

### Design and Development of an "E-Commerce" application

Esprit

02/2018 - 05/2018

#### Tasks

- Design and development of an E-commerce web application
- **Technical Environment: Html5, Css3, Php5, Ajax, JavaScript, Mysql**

## LANGUAGES

Arabe: Native

French: Advanced

English: Advanced

## EXPERIENCES

Design and Development of an Hr Portal at Compagnie des phosphates de gafsa (06/2019 - 08/2019)

- Design of a web application
- Realization of the necessary diagrams
- User Management
- Technical Environment: Java EE, NetBeans, Staruml

Internship Development of an instant messaging application at DSI Esprit (08/2020 - 09/2020)

- Analysis and specifications of needs.
- Development of an instant messaging web application that facilitates communication between users of the Esprit Online intranet.
- Technical Environment: Spring, Angular, Oracle Database

## SKILLS

- Data base : NoSQL,MySQL,SQL Server, Oracle, Big Data, Business Intelligence

- Programming Languages and Framework : C#, C++, Java, PHP, Javascript, Symfony, JEE, Spring, Angular

- Development environment: Microsoft Visual Studio , Netbeans, PhpStorm

- Project management : Scrum, Git, SVN, Git, Design Pattern, Trello

- Analysis and design methods : UML

## INTERESTS

Horse riding

Traveling

Reading

Cinema