

Houssem BELGHITH

IT engineering student

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As a dynamic and ambitious individual, passionate about innovation and new technologies, I am constantly seeking new challenges. Currently, I am looking for an internship that will allow me to utilize my skills and passion. I am excited to contribute to a stimulating work environment and learn from an experienced team. I am open to any opportunity that will enable me to deepen my knowledge and develop my skills in the field of new technologies.

Education

Private Higher School of Engineering and Technology - Esprit Sep 2021 - In progress

- IT Engineering, Applied Computer Science in Finance and Insurance

Military Academic Fondék Jdid Sep 2017 - Jun 2020

- Preparatory Cycle in Mathematics Physics

Work Experience

Mandatory Internship

Murang'a University of Technology - Kenya Jun 2023 – Sep 2023

- Developed a mobile application for enhanced student experience and seamless communication with university administration
- Enhanced university website with complaint section and student forum
- Created comprehensive form area for account creation, login, and admin management
- **Utilized technologies: Flutter, PHP, Android Studio, MySQL, Wamp, Node.js, React, HTML, JavaScript, CSS, Postman**

NGSign Jun 2022 – Jul 2022

- Engineered an email input/output verification platform using JAVA
- Employed tools: Maven, Apache NetBeans 14, MySQL

NOVALABS Jul 2022 – Aug 2022

- Designed a global book platform to facilitate user access
- Back-end: Node.js, Front-end: React

Optional Internship

Alphatel 20 Dec 2021 – 15 Jan 2022

- Collaborated with IT department to manage internal systems and troubleshoot technical issues
- Diagnosed and resolved hardware and software problems, including desktop, laptop, and phone devices.

El-boraq 22 Dec 2022 – 22 Jan 2023

- Analyzed user requirements and refined software for performance optimization

Academic project

Phoenix Micro-Finance Web Site

[Link of Report](#)

- My goal is to reduce poverty in order to promote the development of the country. I put at the disposal of the population a microfinance which will accompany poor people throughout their project. My application services will be composed of professional and personal microcredit.
 - Utilization and implementation of REST web services.
 - Implementation of banking operations (online transfers and payments).
- **Environment softwares: IntelliJ IDEA, XAMPP, Spring Boot, Angular, Java, MySQL.**

Airport Management

- Developed an application to manage the activities of an airport using the framework .NET6.

The services in Angular

- Manipulated of the httpClient service.
- **Environment softwares: Json-Server .**

Component manipulation

- Created and manipulated a component by applying databinding (event-binding, property-binding, two-way databinding).

→ **Environment softwares: Angular**

Mini project in Data Mining

- Implemented of K-means, CAH segmentation methods.
- **Environment softwares: R-studio**

Mini project in Computer security

Studied of the main network attacks

- Determined the Network security assessment.
- Researched techniques used to mitigate these attacks.

Cryptography with openssl

- Familiarized with basic security services.

Virtual Private Network

- OpenVPN is a free utility to set up a VPN server.

Web application security

- Understood the stages of vulnerability scanning.
- **Environment softwares: kali linux, Pfsense, Metasploit**

Full-Stack Developer

- Implementation of a web application that provides banking services along with an insurance service.
 - The application allows customers to perform online banking operations, such as creating accounts, viewing financial, banking, and insurance products, applying for credit, and making money transfers
 - Modeling and implementation of a credit simulator.
- **skills utilized : Java / Spring Boot / Angular / MySQL / XAMPP / Postman.**

Soft skills

Data mining and scoring • Stochastic • Risk management • Statistical Theory and Methods • Learning Skills through Case Studies • Artificial Intelligence • Machine Learning • Statistical Learning • Problem-Solving • Financial analysis • Communication

Hard Skills

Skills :

Programming

Spring/Angular • Cisco • Packet tracer • R • JAVA • C/C++/C# • HTML/CSS/JAVASCRIPT
• UNIX/LINUX • SQL • MIKROC • MPLAB • ISIS • ARDUINO • React/Node Js • Python
• Mongoddb

Tools

Shell • Microsoft Office • Latex • Git • Firebase

Language skills

Frensh Professional competence

English Professional competence

Arabic Native Language

Extra-curricular activities

IEEE ESPRIT Student Branch Club	Active member
Rotaract Esprit Club	Active member
Tunivisions Foundation CLUB	Active member
Tunisian Red Crescent	Volunteer member

Hobbies and interests

Drawing • Camping • Traveling