

SALAH SBAl

Seeking a 6 month internship starting from January 2024

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📍 Oujda, Morocco

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🐙 github.com/Sbai-Salah



WORK EXPERIENCE

Software Engineer (Intern)

Novelis

📅 July 2023 – September 2023

📍 Oujda

- Developed an application that allows users to book trips online.
- Setup a full documentation using the tool Nextra JS.

NextJS 13.4

Nest JS

PostgreSQL

Prisma

Vercel

Software Engineer (Freelance)

Human AI

📅 March 2023 – June 2023

📍 Oujda

- Created a platform for online courses, similar to Coursera.
- Teachers can host and track their courses on the website using the edX Learning Management System (LMS). Students can enroll in classes.

Spring Boot

React JS

Java/JEE

MySQL

Technical Writer and Researcher (Freelance)

UMP - ENSAO

📅 July 2020 – Present

📍 Oujda

- I write simplified reports on data structures and algorithms, also, some papers on microprocessors and software development.

Researcher Gate

LaTeX

Python

Java

C/C++

Web Developer (Freelance)

Oriental UP

📅 Nov 2018 – May 2019

📍 Oujda

- Developed a web application that connects project owners with potential assistants, streamlining the selection process and promoting collaboration in project development.

JavaScript

PHP

HTML5/CSS

MySQL

Project Management (Observation Internship)

GROUPE MONDIAL SERVICE

📅 Feb 2017 – March 2017

📍 Casablanca

- Assisted in employee verification processes and sprints.

Scrum

Jira

LateX/ Excel

EDUCATION

Last Year in Software Engineering (BAC+4)

ENSAO - National School Of Applied Science

📅 Sept 2019 – Present

📍 Oujda- Morocco

Faculty of Sciences (MPSI) at University Mohammed First

University Mohammed First Oujda

🎓 Rank: 2nd /3000 students

📅 Sept 2018 – Sep 2019

📍 Oujda- Morocco

ACHIEVEMENTS



Ranking First in Huawei Seeds For The Future 2023

Developed an AI-based solution to decrease phone usage among children.

Problem Solving

Project Management

Teamwork

Leadership



Ranking Fourth in Hack and Pitch Challenge 2022

Developed a solution for smart cities to reduce energy consumption in security cameras.

Problem Solving

Teamwork



Ranking Third in Nasa Space Apps Challenge 2021

Developed a solution to reduce energy consumption in space radar systems.

Problem Solving

Teamwork



Technical Lead at Google Developer Students Club

I organized many local courses and competitions and pushed a lot of younger minds to invest their time in learning.

Social and Technical Skills

Motivation



Maison de Science de l'Oriental | Workshop Leader

I animated workshops about AI, Data Structures and algorithms for primary and secondary school students.

Social and Technical Skills

Motivation



Problem Solving Competition Lead | ENSAO 2021

I organized the first edition of Problem Solving competition that held at ENSAO. The competition was a blend of competitive programming and understanding data structures.

Social and Technical Skills

DP and DSA

Sports spirit

SKILLS

Front end Techs and frameworks and tools

- JavaScript, HTML5, CSS, PHP, Java.
- React JS, NextJS, Angular.
- Prisma, TypeORM, Figma.

Databases

- Relational DBs: MySQL, postgresSQL.
- Non-Relational DBs: MongoDB, Firebase, Redis.

Backend techs and tools

- Spring Boot, JEE, Laravel, NestJS, NextJS.
- Python, Django, Flask.
- C, C++, C#, .NET
- (Mobile) Android, Ionic.

Others

- AWS server/CPanel setup (web hosting, Cloud hosting).
- Unix-based command line.
- Version Control : Git.
- Containerization : Docker, Kubernetes.
- CI/CD tools : Jenkins.
- Security tools : Sonarqube.
- Automated UI testing tools : Cypress.
- Postman API testing tool.

OPEN SOURCE CONTRIBUTIONS AND PROJECTS

🌐 Jitsi Meet (Open Source) | Conferences-as-a-service | Check Github

- I Integrated the Jitsi Meet into an e-learning platform (work experience with Human AI). Jitsi is Secure, Simple and Scalable Video Conferences that you use as a standalone app or embed in your web application.
- Tools: Java, TypeScript, Javascript,WebSockets.

Online Course Directory | Check Github

- Students can log in with their unique email address and password, after which they are redirected to a dashboard where they can freely choose the courses they want to take.
- Tools: REACT JS, NodeJS

Blood Donation Management | Check Github

- A website and Mobile App where anyone wishing to donate or in need of blood can visit and select what they need.
- Tools : JS, PHP, HTML, CSS, Bootstrap, MySQL, Ionic, Figma.

Airbnb Clone | Check Github

- a full clone of the Airbnb famous website from front end to backend
- Tools: NextJS, PosgreSQL, Prisma.

Student Registration Management | Check Github

- This Desktop Application facilitates student registration management by providing a user-friendly interface. It offers features such as entering student information, generating reports, and managing registration lists.
- Tools: JAVA, JAVA FX, HTML, CSS, Bootstrap, MySQL, Figma.

Medical Documents Management | Check Github

- A website that streamlines administrative procedures in the anesthesia and resuscitation process by providing easily fillable digital documents that can be saved in an online archive.
- Tools: Tools: PHP, JS, HTML, CSS, Bootstrap, MySQL, Figma.

LANGUAGES

English	Full professional proficiency

French	Full professional proficiency

Japanese	Elementary proficiency

Arabic	Native

OTHER INTERESTS

-  Research
-  Fitness
-  Reading