



Boumouzouna Brahim Vall

Software engineering student



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Mohammedia-Maroc



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Looking for an internship (PFE).

As a software engineering student, I have gained a strong foundation in computer science principles and programming languages such as Java, dart, C/ C++, PHP and JS. I have completed coursework in data structures and algorithms, and have had the opportunity to work on several software development projects, both individually and in team environments.

Certificat

- **HackerRank** JavaScript (Intermediate)
- **HackerRank** SQL (Intermediate)
- **HackerRank** Java (Basics)
- **MNPC22** certificate of participation
- **CISCO** CCNAv7

Skills

- JavaNodeJsReactPHP
- JEE (JSP/Servlet)OracleBash
- JQueryPythonSpring boot
- Express jsMeriseJavaScript
- BootStrapSQL ServerMySQL
- SSAS/SSIS/SSMSJiraPowerBI
- PLSQLGit/GitHubHadoop
- C/C++HibernateDocker
- Flutter/DartMongoDBUML
- TypeScriptAngularNextJs
- SCRUMXP RUPUP-XP

Langues

- **Arabic** Mother tongue
- **French** Fluent
- **English** Good level

Experience

SporGates

Frontend Developer (intern)
2023 (May-July)

Develop reusable components and user interfaces using the **Flutter** framework, as well as **GitHub** and **Jira** to collaborate with team members.

Projects

RESTful API for Employees management system
2023 (July)

Designing and developing a REST API for employee management simplifies HR tasks, streamlining data access and processing using **ExpressJs**.

Employees management system Interface
2023 (July)

Building a front-end interface for an employees management system using **ReactJs**

Web application for internship management
2022 (April-June)

Design and development of a web application for the management of internships at the Faculty of Science and Technology of Mohammedia, using **PHP, JavaScript, HTML, CSS , Bootstrap, Git, MySQL,.**

SQL query optimization engine
2023 (February-March)

Created an optimization engine for relational databases that optimizes the performance of SQL queries.

Geographical ranking of home sales
2023 (February-March)

A project that applies the **pageranking algorithm** to a huge spatial dataset of home sales, using **C++** and **graph theory** to analyze the data. This provides a valuable resource for home buyers in a particular location.

Library management application
2023 (February)

Development of a library management application using the **MVC** architecture for the desktop version with **Swing** and **MVC2** for the web version with **JSP/Servlet**, using the **Hibernate** framework for data persistence in an **Oracle database**.

Desktop application for car rental management
2023 (January)

Development of a desktop application for the management of car rentals for an agency using Java, **Swing** and the **MVC** approach.

Business Intelligence for card payment tracking
2023 (January)

Participation in the Business Intelligence project implementing a solution for tracking card payments using technologies: **SSIS, SSAS, SSMS, Power BI**.

Education

GENERATION OF THE FUTURE -NOUAKCHOTT
2018-2019

BACCALAUREATE DB SERIES: BILINGUAL NATURAL SCIENCES (SNB)

Faculty of Science and Technology Mohammedia
2019-2021

Diploma of University Studies in Mathematics, Computer Science and Physics

Faculty of Science and Technology Mohammedia
2021-Present

State Engineering Diploma in Software Engineering and Computer Systems Integration