Abderrahmane Brahim

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Portfolio : abderrahmane-br.github.io | **Github** : github.com/Abderrahmane-Br

EDUCATION

IBN-KHALDOUN UNIVERSITY
Ms in Computer Engineering
Sep 2021 - 2023 | Tiaret

IBN-KHALDOUN UNIVERSITY
BS in Computer Science
Information systems
Sep 2018 - Jun 2021 | Tiaret

SKILLS

Languages
- Advanced: Javascript(ES6), Python
- Intermediate: C, Java
- Novice: PHP, Matlab

Frameworks/Libraries
- ReactJS • Redux • TailwindCSS
- Jest

Technologies
- HTML5 • CSS3 • SASS
- MySQL

Tools
- Git/Github • Figma/Adobe XD
- Google analytics

COURSEWORK

GRADUATE
Web Ergonomy
Web services
Web security
Project management
Advanced databases and data mining
Artificial vision
Logic for Artificial intelligence
Knowledge based systems
Parallelism and clustering
Operations research optimization

UNDERGRADUATE
Web development
Object oriented programming
Artificial Intelligence
Algorithms and data structures I, II, III
Graph theory
Computer architecture

PROJECTS

BOOKSTORE APP | Links: Github , Live
A react single page app for online paper and electronic books shopping.
Stack: React, Redux, ReactRouter, Sass.

- Implemented **cashing** to improve page load speed and user experience.
- Highly responsive UI that supports phones, tablets, laptops and large screens.
- Live search and loading skeletons.
- Uses Google books api for book data retrieving.

DISTRIBUTED COURSE MANAGEMENT APP | Links: Github
A full-stack distributed course management app.
Stack: Javascript(Ajax), Php, Python, MySQL, Apache.

- Designed and implemented the distributed (horizontally sharded) database.
- Implemented concurrency through python's multithreading.
- Improved the user experience using Ajax.
- Setup and coordinated the stack and the environment.

LIGHTY SQUARE GAME | Links: Github , Live
A minimalistic, challenging platformer game.
Stack: Javascript, HTML5, CSS3.

- Implemented object oriented concepts to design and build the game.
- Improved game fluidity by utilizing ES6 animation function .

EXPERIENCE

FREELANCE | Frontend web development freelancer
Dec 2021 - Aug 2022
Worked as a part time freelancer at Freelancer.com and Khamsat.com.

CERTIFICATES

SCRIMBA | Advanced React
Nov 2022

ABOUT

Languages
- English: Fluent
- Arabic: Fluent
- French: Fluent

Interests
- Fitness • Chess • Cinema