

Abderrahmane Brahim

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

EDUCATION

IBN-KHALDOUN UNIVERSITY

MS IN COMPUTER ENGINEERING

Sep 2021 - Present | 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 **caching** 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