

# Abderrahmane Brahim

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## 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)
- Intermediate: C, Python
- Novice: Java, PHP, Matlab

### Frameworks/Libraries

- ReactJS • Redux • TailwindCSS

### Technologies

- HTML5 • CSS3 • SASS
- MySQL

### Tools

- Git/Github • Figma/Adobe XD

## 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 | 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 | 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 | 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

- Arabic: Maternal
- English: Fluent
- French: Fluent

### Interests

- Fitness • Chess • Cinema