

# ALLOUL BADREDDINE

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## ◦ DETAILS ◦

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## ◦ LINKS ◦

[Linkedin](#)

## ◦ LANGUAGES ◦

English

Arabic

French

## ◦ SKILLS ◦

MySQL

Microsoft Office

HTML/CSS

C

SQL

Command Line Proficiency

PHP

Java

JavaScript

React

WordPress

Python

jess

Docker



## PROFILE

As a dedicated computer science student with a minor in business administration, I bring experience in team-based projects covering Database Systems, C programming, AI, and web/mobile applications. Proficient in full-stack web development, I work effectively in both collaborative and independent settings, consistently meeting tight deadlines. Eager to apply my skills in an internship, I am driven to contribute to the long-term success of your company.



## EMPLOYMENT HISTORY

### Website Development (Full-Stack)

- Utilized JavaScript, HTML/CSS, and PHP to architect and engineer a full-stack website for a company, showcasing proficiency in front-end and back-end development.

### React-Powered Tourist Guide Mobile Application

- Employed React for front-end development and integrated Firebase as the back-end technology to craft a mobile application connecting tourists with local guides.

### pgAdmin Database Systems Implementation

- Demonstrated adeptness in database management and design through the implementation of systems using pgAdmin.

### Customer-Centric Requirement Elicitation and Scrum Methodology

- Applied rigorous requirement gathering techniques for projects involving direct customer interactions.
- Implemented Scrum methodology, incorporating its core principles for optimal project management and delivery.

### Java Object-Oriented Application Development

- Implemented intricate application logic and classes using Java, exemplifying mastery of object-oriented programming principles.

### AI Project: Jess Implementation of a Logical Agent for the Wumpus Game

- Developed a logical agent using the Jess programming language to navigate and make decisions in a simulated environment based on the classic Wumpus game. Implemented rule-based systems and inference techniques to ensure efficient and accurate decision-making.

### Unity Implementation of a Bayesian Inference Agent for "Bust the Ghost"

- I undertook the development of an intelligent agent within the Unity environment for the "Bust the Ghost" game. Leveraging Bayesian inference and probabilistic reasoning, I successfully crafted a system that enhances decision-making and user experience.



## EDUCATION

Bachelor Degree in Computer Science with a Minor in Business Administration, AI  
Akhawayn University, Ifrane  
September 2020 — December 2024