

# ALLOUL BADREDDINE

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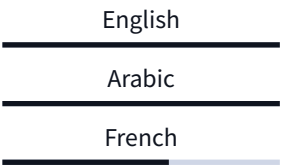
## ◦ DETAILS ◦

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## ◦ LINKS ◦

[Linkedin](#)  
[GitHub](#)

## ◦ LANGUAGES ◦



## ◦ SKILLS ◦



## PROFILE

Computer Science student with a minor in Business Administration, experienced in Database Systems, C programming, AI, and web/mobile development. Proficient in full-stack web development, with demonstrated adaptability in both team and individual projects. Skilled at delivering high-quality work within tight deadlines. Eager to contribute my expertise to real-world challenges.



## 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.

### 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 Jess-based logical agent to navigate a simulated Wumpus game, using rule-based systems and inference for efficient decision-making.

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

- Developed an intelligent agent using Bayesian inference in Unity for the 'Bust the Ghost' game to improve decision-making and user experience.

### Remote Access Tool (RAT) Client/Server Development Project

Developed a Remote Access Tool (RAT) enabling OS identification, screenshot capture, and remote system reboot.

### Elements of AI - University of Helsinki

October 2023 — November 2023



## EDUCATION

Bachelor Degree in Computer Science with a Minor in Business Administration, AI  
Akhawayn University, Ifrane

September 2020 — Present