

# AMARA Khaled Walid

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## Objective

Motivated and detail-oriented Computer Science student with hands-on experience in web development, data analysis, and software projects. Seeking opportunities to apply technical skills in real-world environments, contribute to innovative solutions, and grow expertise in backend development, AI, and modern software engineering practices.

## Education

### Bachelor of Computer Science

*Higher School of Computer Science (ESI), Algiers, Algeria*  
2024 – Expected Graduation: 2029

Relevant courses: ALSDS (Static Data Structures), ALSDD (Dynamic Data Structures), SYS1 (Operating Systems/Linux), SYS2 (Assembly Language)

### Learning AI Through Visualization

*Columbia+, Columbia University*  
June 2025 – Expected Graduation: July 2025

Relevant courses: Visual Introduction to Machine Learning through Linear Regression, Visual Introduction to Deep Learning, Large Language Models (LLMs)

## Experience

### IT Intern – Cosider Travaux Publics

*Cellule Système Informatique (CSI), Algiers, Algeria*  
June 2025 – July 2025

- Contributed to the maintenance of IT systems and assisted in configuring infrastructure servers while gaining insight into teamwork in a professional environment.

### Respo Dev – ETIC Club

*ETIC Club, ESI Algiers, Algeria*  
August 2025 – Present

- Leading the development team to build and maintain web platforms, while collaborating with other departments to provide technical solutions and improve workflows.

## Technical Skills

- **Languages:** C, Java, Python, Assembly, JavaScript, TypeScript, SQL
- **Frameworks & Tools:** React.js, Next.js, Express.js, MongoDB, MySQL, PostgreSQL, Payload CMS, Tailwind CSS, Pandas, Scikit Learn, Numpy
- **Tools & Platforms:** Git, GitHub, Linux, Docker
- **Soft Skills:** Teamwork, Problem Solving, Adaptability, Fast Learner, Positive Work Ethic

## Projects

### Occupational Health Medical Visit Management (C)

Built a console-based system to manage employee health visits, storing and retrieving patient data.

### Address Book Management System (Assembly)

Developed a low-level address book tool using x86 Assembly for data storage and basic user interactions.

### Meow-ssion Impossible Website (Next.js)

A website to Download and Explore a game. Features an engaging interface for game discovery and download functionality.

## Extracurricular Activities

- **Event Coordinator**, Before S2EE 16 – ETIC Club
- **Organizer**, S2EE 16, TCXI & AUP3 – ETIC Club
- **Participant**, JunctionXAlgiers - CELEC Club, Hackin – CSE Club, Hacktic – ETIC Club, Dev-Camp 3.0 – CAP ENP Club

## Languages

- **Arabic:** Native
- **English:** Fluent
- **French:** Intermediate

## Interests

- Exploring Computer Science fields (Backend, Data Science, Cybersecurity)
- Game Development