

# AMARA Khaled Walid

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## Objective

Motivated and curious Computer Science student at ESI Algiers seeking an *industrial internship (stage ouvrier)* to gain hands-on experience in a professional environment. Eager to contribute to technical projects, strengthen problem-solving skills, and learn from experienced teams.

## 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)

## Technical Skills

- **Languages, Frameworks & Tools:** C, Python, Assembly, JavaScript, HTML, CSS, React.js, Next.js, Express.js, MongoDB SQLite
- **Tools & Platforms:** Git, GitHub, Linux
- **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.

### Optimized Word Search Using BST Variants (C)

Compared and implemented BST variants in C to enhance word search efficiency; visualized results with Python.

## Extracurricular Activities

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

## Languages

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

## Interests

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