

# HANI HAMZA



## CONTACT



Settat



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## EDUCATION

- **BACCALAUREATE IN MATHEMATICS AND SCIENCE, OPTION B AT**  
AZZAITOUNE HIGH SCHOOL , SETTAT  
(2021/2022)
- **HEM ENGINEERING SCHOOL -**  
CURRENTLY A 2ND YEAR COMPUTER  
SCIENCE STUDENT (2023 - PRESENT)

## CERTIFICATES

- **GOOGLE ANALYTICS INDIVIDUAL QUALIFICATION**
- **GOOGLE AI-POWERED PERFORMANCE ADS**
- **FREECODECAMP RESPONSIVE-WEB-DESIGN**

## SKILLS

- C, C++, Java
- Networking (GNS3, Packet Tracer)
- Bash Scripting
- Arduino (HEM Certificate)
- SQL, HTML, CSS, PHP, MySQL, Apache
- UML
- Node.js, HTML, CSS, JavaScript, Socket.IO, MongoDB, Laravel

## PRESENTATION

Second-year Computer Science student at HEM Engineering School, passionate about technology and problem-solving. Enjoys team projects, coding competitions, and contributing to open-source.

## PROJECTS

- **Controlling a Robotic Car by Voice and Bluetooth with Arduino::** Converted an Arduino robot into a voicecontrolled car via Bluetooth, with intuitive Android app control.
- **Billing Automation & Credit Simulation:** Development of a VBA application for automating billing processes and credit simulation.
- **Java Design and Development of the Sokoban Game:** Crafted a dynamic Sokoban game in Java, emphasizing engaging gameplay and leveraging UML for modular and extensible code design.
- **Going for Gold:** Developed a real-time web game similar to Kahoot using Node.js, HTML, CSS, JavaScript, and MongoDB, deployed on AWS.
- **Optimizing Network Infrastructure with Packet Tracer:** Design, Implementation, and Security: Designing, implementing network infrastructure linking three buildings, exploring specs, bandwidth control, multi-layered security.

## LANGUAGES

- **ARABIC** (NATIVE)
- **FRENCH** (NATIVE)
- **ENGLISH** (PROFICIENT)

## QUALITIES

- **TEAM PLAYER**
- **PROBLEM SOLVER**
- **ADAPTABLE**
- **INNOVATIVE**
- **DETAIL-ORIENTED**
- **DEDICATED**
- **ORGANIZED**
- **GOOD COMMUNICATOR**