

# AHMED YAHYA ALMATHAMI

## FULL-STACK ROBOTICS ENGINEER

### CONTACT

+966538024619  
aymt7mi@gmail.com  
[www.linkedin.com/in/aymt7mi](https://www.linkedin.com/in/aymt7mi)

### SKILLS

Robotics Engineering  
Artificial Intelligence  
Web development  
Problem Solving

### EDUCATION

#### Ummal-Qura University

Bachelor in computer engineering

Sep 2019 - Feb 2024

### LANGUAGES

Arabic: Native  
English: Advanced

### CERTIFICATES

[Professional Accreditation Certificate](#)  
[Full-Stack Robotics Engineering](#)

### PROFILE

I am an enthusiastic and adaptable computer engineering fresh graduate with a strong passion for continuous learning. My interests span across AI, web development, robotics, and game development. I successfully finished a summer training program at Smart Methods, where I acquired hands-on experience with modern robotics technology while also improving my problem-solving skills and teamwork abilities. I actively seek opportunities to expand my knowledge and stay up to date with the latest developments in the industry. I am excited to contribute my expertise and make a positive impact.

### WORK EXPERIENCE

#### Full-Stack Robotics Engineer

Smart Methods Jul 2023 - Aug 2023

- Participated in a comprehensive summer training program at Smart Methods, a leading robotics and artificial intelligence company.
- Engaged in diverse paths within computer science and engineering, including IoT, industrial and systems engineering, web development, NLP, robotics and artificial intelligence, electronics and power systems, and mechanical design.
- Completed assigned tasks and projects within each path to obtain a full-stack robotic engineer certification.
- Demonstrated proficiency in integrating IoT devices, such as the ESP32 microcontroller with websites, interconnecting Arduino boards for effective data exchange, and developing circuits for environmental monitoring.
- Worked on the Screen Robot project, contributing to various tasks and challenges across different paths, including electronics, programming, and mechanical design.

### PROJECTS

#### Gloves Controlled Artificial Hand

- Developed a glove-based device capable of detecting and replicating the user's hand movements in an artificial hand.
- Can be useful in numerous situations, allowing the user to keep their hands safe while completing their work from a distance.
- Integrated wireless communication technology to enable remote control and operation of the artificial hand.