# AHMED YAHYA ALMATHAMI

## FULL-STACK ROBOTICS ENGINEER

## CONTACT


+966538024619

aymt7mi@gmail.com

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 to enable the user keep their hands safe and complete their work from distance.
- Integrated wireless communication technology to enable remote control and operation of the artificial hand.