

# HADIEH ABDULMAJEED

Syrian, Born in Syria ◇ +974 6620 0687 ◇ Resident in Doha, Qatar  
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## EDUCATION

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**Bachelor of Computer Science**, Qatar University

August 2019 - May 2023

**Accolades:** Full Scholarship, Dean's List for 4 semesters, 3.2/4.0 GPA

**Electives:** Web Development, Mobile Development, Game Development, Cryptography, Machine Learning

## SENIOR PROJECT

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**RecoDrone: Autonomous Indoor Mapping Drone:** Achieved implementing a drone for military and reconnaissance use as instructed by RBAT (Rheinmetall Barzan Advanced Technologies).

- Developed a portable web application using the **Flask framework** to communicate with the drone in real-time, display telemetry data and send navigation commands.
- Built a **network connection** between the various drone parts and the web application.
- Implemented an autonomous drone that explores unknown indoor areas in minutes with an obstacle avoidance algorithm using **ROS (Robot Operating System)**.
- Used a 2D LiDAR sensor to generate a 2D map of an indoor environment using **SLAM (Simultaneous Localization and Mapping)**.

## RELEVANT PROJECTS

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### Orchid: Android Shopping Application

- Used **Kotlin language** to develop an online shopping application that allows retailers to list their products and allow customers to purchase them straight from the retailer.
- Integrated RESTful API and cloud Firestore storage and authentication to enhance application functionality.

### Yalipay: Financial Portal Website

- Used **express.js and node.js web framework** to develop a B2B e-commerce website for companies to manage the payments and invoices for their customers.

## EXPERIENCE

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### FIFA Commentary Assistant

Nov 2022 - Dec 2022

FIFA TV Legacy Programme, Host Broadcast Services

*Doha, Qatar*

- Set up and install technical and non-technical equipment in the commentary positions.
- Test the commentary units before the match and adjust them and provide IT support to the commentators.
- Work with Commentary Control Units ensuring that all commentary feeds are conveyed to the right broadcaster.

### QUCC Secretary

Jun 2021 - Dec 2021

Qatar University Computing Club, Qatar University

*Doha, Qatar*

- Secretary for the Qatar University Computing Club - Organizing new meetings and appointments with faculty and employees at QU, as well as managing the daily, weekly, and monthly agenda.
- Planning of several seminars and events which were attended by more than 100 students.

## SKILLS

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**Programming Languages**  
**Frameworks & Databases**  
**Tools**

Javascript, Java, C/C++, C#, Python, Kotlin, HTML, CSS  
NodeJs, ExpressJS, Flask, SQLAlchemy, PostgreSQL, MongoDB, Room  
Git, Postman, Eclipse, VS Code/Studio, Unity, Blender