

Zaid Aldasht

Software Engineer

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Profile

fresh graduated Software Engineer with strong skills in software engineering, web and mobile app development, IoT, intelligent systems, computer vision, and machine learning. A self-motivated learner with excellent communication skills, passionate about building high-quality solutions and contributing to innovative technological advancements.

Experience

FABLAB TECHNICAL ASSISTANT, *Orange Jordan* 07/2024 – 10/2024

- Worked with students in the Orange Summer Challenge to build an underwater drone with live video streaming, Ethernet control, and danger detection using QGroundControl.
- Trained a YOLO-based model to detect dangerous fish (e.g., lionfish).
- Built a sumo robot and assisted students in developing their own projects.

SOFTWARE ENGINEER, *Jordan Design and Development Bureau (JODDB)* 02/2024 – 10/2024

- Trained a YOLO-based model with a custom dataset for landmine detection.
- Implemented sensor fusion and depth camera integration to improve detection accuracy.
- Developed robot navigation and visualized mapping results using RVIZ.
- Built a LAN-based control system for remote monitoring and operation.
- Presented the MMDR project at SOFEX 202, showcasing autonomous landmine detection capabilities.

SOFTWARE ENGINEER, *Basic Bionics* 06/2023 – 10/2023

- Enhanced the movement and navigation of an autonomous indoor delivery robot.
- Integrated Arabic voice interaction via Amazon Alexa for command-based robot control.
- Represented the company by presenting products at events and delivering workshops at universities.

Education

Bachelors in Mechatronics Engineering, 01/2025
Al-Balqa Applied University Faculty Of Engineering Technology

Volunteer Experience

membership development team leader 09/2024 – 08/2025
IEEE BAU student branch

membership development leader 08/2023 – 09/2024
IEEE BAU Robotics and Automation Society (RAS)

Certifications

- Foundations of Project Management-google
- Project Initiation: Starting a Successful Project-google
- Full Stack Web Development-HTUx
- C++ programming-parmg
- Full Stack Development Bootcamp (Fundev)-coderz for software and training
- Robot operating system (ROS)-IEEE

Awards

3Rd Place – Best Mechanical Design (Firefighter Competition)

Appreciation for Participation – Sumo Robot Competition

Appreciation for Efforts – Minesweepers Competition, Egypt

3Rd Place Winner – JODDB Creative Excellence Initiative

Skills

- Python
- Arduino programming
- ASP.NET core
- Sql
- Project management
- Teamwork
- AWS
- Mongodb
- Html
- C#
- Embedded programming (stm32 on cube IDE, esp32)
- OOP programming
- Nodejs
- Team management
- Communication skill
- Problem Solving
- Javascript
- Flutter
- Css