Mazin Abdulla

Date of Birth: 23 Jan 1997

Place of Birth: Al Ain,
United Arab Emirates

Sex: Male

Contact

 Gerhart-Hauptmann-Straße 24,
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Education

Automation and Control, Master of Science (M.Sc.)
Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau
2021 – Present

Bachelor of Science in Electrical and Electronics Engineering (B.Sc.)

Al Ghurair University – Dubai
2014 – 2019

Excellent (approx. 1.3 converted to German grading system).

Projects

Smart Home System (ANBTAC)
Developed an intelligent building system using Raspberry Pi, DS18B20 and DHT22 sensors, Python GUI, and KNX modules with ETS.

Robot Assisted Object Sorting (Project Lab)
Priority-based object sorting using LEGO robots with ROS, Python, and C++.

Hydraulic System with Backstepping Control
Nonlinear controller implementation in MATLAB/Simulink with real-time data acquisition.

Autonomous Driving with RC-Car (LEM Lab)
Controlled a mini vehicle via Jetson Nano, Raspberry Pi, Python/C++ with both remote and autonomous modes.

Wireless Solar Charger (Bachelor – Theoretical Project)
Designed a solar-powered wireless energy transfer model.

Shop Security System with Arduino and Bluetooth (Bachelor – Graduation Project)
Access control via RFID and sensor-based monitoring, managed through a Bluetooth-connected Android app.

Work Experience

Robotics Instructor and Technical Trainer
Etisalat Academy
UAE
07/2018 – 07/2023
Worked during TDRA Summer and Winter Camps 2021 in the Telecommunications and Digital Regulation sector as a Technical Support Supervisor, and with Global Vision Consultancy Company in various projects including TDRA Camps 2018 and 2019 as a Robotics Instructor, Emirates Skills Master, Skills Junior Training 2019 and 2020 as an Electrical Installation Trainer, and the MOE Online Spring Camp 2020.

Trainer Engineer
Al Fara'a Group, Al Sabah Electromechanical – UAE
02/2018 – 09/2018

Project inspection, scope of work, HSE, cost estimation, proposal and handover documents, subcontractor coordination, project monitoring, task distribution, and project management methods.

Languages

English – C1 (Advanced Proficiency)

German – B1 (Independent User)

Reference

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