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Experience

R&D Robotics and design Engineer

EBLA Computer Consultancy (Qatar)

Jun 2022 - Sep 2023 (1 year 4 months)

Researching new robotics technologies, trends, and best practices to create innovative solutions for challenges and opportunities.

Creating and testing prototypes of robotic systems and components to validate designs and improve performance based on test results.

Writing code to control robots and creating software interfaces for interaction and analysis.

Integrating hardware, sensors, actuators, and software for a functional robotic system that's reliable and high-performing.

Utilizes 3D printers for rapid prototyping and manufacturing of robotic components.

Employs SolidWorks software to design detailed mechanical models for robotics.

Accelerates development through efficient testing and iteration of robotic systems and parts.

Operation and production engineer

MEMCO (Saudi Arabia)

Sep 2021 - Mar 2022 (7 months)

supervising and improving Production at plants and factories

Report issues to the manager

Develop strategies to improve efficiency and profits

Develop Operational solutions by defining, studying, estimating, and testing alternative solutions

Attend weekly meetings with other departments to stand on delay stages and try to avoid them.

Research Assistant /Teacher assistant

Jordan University of Science and Technology (Jordan)

Oct 2019 - Sep 2021 (2 years)

Ensure accessible experiment data for research faculty and supervisors.

Develop effective SolidWorks study plans to maximize student learning.

Facilitate access to design libraries and teach comprehensive part creation and simulation.

Introduce microcontroller concepts with practical Arduino programming tasks.

Create mechanical design and microcontroller programming courses according to ABET standards.

Utilize an eLearning platform for grading, evaluations, and exam management, including collaboration with the Modeele system.

Maintenance Engineer

HiGeen® (Jordan)

Sep 2020 - Jan 2021 (5 months)

planning and undertaking maintenance schedule

Responding to breakdowns
Diagnosing faults
Supervising technical staff
Managing budget



Trainer

Center of Excellence for Innovative Projects (Jordan)

May 2018 - Jul 2018 (3 months)

Divide students into groups to work together to reach The final task

Assign a mission for each group and give every student a specific task to do

Teaching the student how to solve the problem and build the robot body so they can re-design it in their way

Giving them multi Programming tasks, so they understand how the EV3" kit can be handled

Education



Jordan University of Science and Technology (J.U.S.T)

Bachelor of Engineering - BE, Mechanical Engineering

Apr 2015 - Aug 2019

Licenses & Certifications



Project Management Simplified - LinkedIn

AQTFcB247ru88k39qiRNj_JFJVbF



MATLAB Onramp - MathWorks



ASSOCIATE - Mechanical Design(CSWA) - Dassault Systèmes

C-L6G4H72XFT



TQUK LV4 Training and education (RQF) - CTC Training

99-10474507-412769-20230622

AIGPE Lean Six Sigma Green Belt - Advanced Innovation Group Pro Excellence (AIGPE™)

Skills

Minitab • Statistics • Lean Six Sigma • Business Analysis • Leadership • Electromechanics •
Computer-Aided Design (CAD) • Teaching • Mathematics • Training

Publication

Smooth 2D Navigation in Hazardous Areas Utilizing a GA-PID Controlled Omnidirectional Mobile Robot with Kinematic Constraint Consideration