



Contact

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Sharjah, UAE

LinkedIn

<https://www.linkedin.com/in/danaalsani/>

Education

2017-2021

Mechatronics Engineering

Eastern Mediterranean University

Skills

- Python
- Node.js
- Linux
- AWS
- Raspberri Pi
- Arduino
- Github & Postman
- Python OpenCV

Certification

AWS Certified Solutions Architect

OpenCV for Python Developers

Machine Learning with Python

Language

English

Arabic

Dana Alsani

Robotics Engineer

A professional self-learner and detail-oriented Robotics trainer. Successfully taught students of various ages on topics such as electronics, python, OpenCV, Javascript, Node.js, Arduino, RaspberryPI, and other robotics related courses. With interest in web development and cloud services, have made and will continue making many projects to enhance my skills. Looking for opportunities where I can use my skills while also gaining more knowledge.

Experience

2021 - Present

Unique World Robotics I Dubai, UAE

Robotics Engineer-Instructor

-Trained students and teachers on topics such as: Scratch, Python, Tkinter, SQLite, OpenCV, MIT app inventor, Basic electronics, RaspberryPI, Arduino, Lego Robotics, and CAD Softwares.

-Created courses, activities, and projects for various topics.

-Managed trainers by dividing their roles and training them, and managed events that helped promote our company.

2017 - 2019

Royal Jordanian airlines I Jordan, Amman

Engineering Intern

-Assisted in the development of the electronic flight bag.

-Collaborated in developing the electronic flight bag application.

-Collaborated with engineers on projects on emergency landings and ways to decrease the fuel intake of airplanes.

Projects

<https://danaalsani.com>

-Built using JS,HTML, and CSS.

-Hosted as a static website on AWS S3.

<https://bloggly.danaalsani.com>

-Built using Node.js and Handlebars.js and MongoDB

-Authorization using Google+ API

-Hosted on AWS using:

-EC2 instance

-Route53

-Certificates Manager

-Application Load Balancer

-AWS Systems Manager Parameter Store

Virtual mouse using Python, MediaPipe, and OpenCV

Music Recommendation app using Node.js and Spotify API

Robotics projects:

-Obstacle avoidance robot car using Rpi, Python, and OpenCV.

-Robot car controlled by an android app using Arduino and MIT app inventor.

-Many more projects that I oversaw by my students.

Reference

Bansan Goerge

CEO, Unique World Robotics

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