Ali Cheaib

✉ ali_cheaib_2@hotmail.com 📞 +96181015030 📍 Beirut Hadath

Education

Bachelor of Science in Computer Communication Engineering(emphasis Mechatronics) Sep 2015 - Jun 2020
American university of science and technology, Lebanon

Master of Science in Computer Communication Engineering(emphasis Mechatronics) Sep 2020 - Jun 2022
American university of science and technology, Lebanon

Employment

Automotive Engineer and Technician Apr 2022 - Present
Tewtel Group (Exclusive Importer & Distributor Land Rover & Aston Martin), Lebanon

- Diagnose, estimate, and carry out repairs for Land Rover vehicles
- Carry on recalls and service operation throughout the JLR cloud
- Proficient at using SSD, Pathfinder, and TOPIx Cloud software
- Proficient at using Land Rover special tools

Inspect damaged cars and write quotations and provide parts accordingly

Internships

Automotive Mar 2021 - Mar 2022
Kettaneh automotive,(Exclusive Importer & Distributor Volkswagen, Audi & Skoda), Lebanon

- Diagnose, estimate, and carry out repairs for Volkswagen and Skoda vehicles
- Proficient at using ODIS and ELSA software
- Proficient at using Volkswagen special tools

Automotive Aug 2018 - Oct 2018
Bassoul Heneine automotive (Exclusive Importer & Distributor BMW, Mini Cooper, Renault, Dacia), Lebanon

- Diagnosed, inspected, and fixed BMW vehicles under the supervision of experienced technicians
- Gained valuable hands-on work experience and acquired real work knowledge
- Built a network with professionals in the automotive industry
- Skilled with inspecting vehicle computer and electronic systems using professional software (ISTA) and equipment

Personal details

Date of birth
August 31st, 1997

Place of birth
Lebanon

Driver's license
yes

Gender
Male

Nationality
Lebanese

LinkedIn
linkedin.com/in/ali-cheaib-76b322226

Computer Skills

AutoDesk Inventor Pro

Mathworks MATLAB

Programming Languages C, C++, Python

Microsoft (Word , PowerPoint , Excel)

Languages

Arabic

French

English

Professional university experience

1. **Bachelor degree Projects:**

Circuit Analysis 1: Implemented a fully functional DC power supply.
Circuit Analysis 2: Designed and implemented a signal amplification visualizer-equalizer.
Digital Systems: Implemented a digital clock using logic circuitry.
Control System: Implemented a self-balancing robot using a PID regulator.
Engineering Workshop: designed and implemented a functional and automated Hacksaw device.
Mechatronics: Designed and implemented an autonomous vehicle with integrated sensors.
MTE Senior project : Designed and implemented an apple sorting machine.

1. **Master degree Projects (Papers) :**

Neural Networks : Breast Cancer Detection using Convolutional Neural Networks.
Applied Thermodynamics - Energy Conversion : Hybrid Photovoltaics-Thermoelectric Systems.
Modern Control in Mechatronic Systems: Design and implemented Parabolic trough solar collector using matlab & simulink,
Optimization in Mechatronic Systems: Minimizing Cost While Meeting Nutritional   Requirements using linear programming.
Machine Learning for Engineers: Titanic Survival Prediction using Python.
Mobile Robotics: Path Planning using Rapidly-Exploring Random Trees implemented using Matlab.
Power Electronics and Drives : Three phase SPWM inverter implementation using Simulink.
Advanced Computer Networking: Data center simulation for small entreprise using Cisco Packet tracer simulator.
Advanced Computer-Aided Design for Mechatronics Systems: Designed a blinding roller machine assembly motion using AutoDesk Inventor Pro

Certificates

Huawei HCIA-AI v3
Present

First place in Engineering Workshop expo at AUST
2018

Second place in Circuit Analysis expo held at AUST
2018