



## Muhammet Sait Karasoy

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### WORK EXPERIENCE

09/01/2023 – CURRENT İstanbul, Türkiye

**BATTERY DEVELOPMENT ENGINEER** AVL RESEARCH AND ENGINEERING TURKEY

1. Electric Vehicle Battery Solutions
2. Battery Pack System Development
3. Battery Management Systems

10/08/2020 – 06/01/2023 Adana, Türkiye

**R&D ENGINEER** TEMSA SKODA SABANCI TRANSPORTATION VEHICLE

- Electric Vehicles Systems Body Control Systems
- Battery Packages Production and Development
- Battery Management Systems
- High Voltage Control Systems
- Electric Vehicle Charge Control Systems

10/08/2019 – 10/08/2020 Adana, Türkiye

**R&D ENGINEER** CUKUROVA TECHNOLOGY DEVELOPMENT ZONE

- 6 Axis Robotic Arm Project movement calculations, electronic card design and software interface completed
- 4 Axis Industries CNC Machine panel design, electronic card design, software and interface completed.
- Industries 3D Printer and Scanner software and electronic card design completed.
- Drawing And Copying Machine software, interface and electronic card design completed.
- Laser Cutting and Marking Machine software, interface and electronic card design completed.
- Embedded System Applications with MSP430 which is belong to Texas Instrument completed
- European Projects
- Project Manager

01/06/2018 – 01/07/2018 Adana, Türkiye

**INTERN ENGINEER** CUKUROVA UNIVERSITY

Power Electronics (SMPS)

01/01/2017 – 01/07/2018 Adana, Türkiye

**INTERN ENGINEER** CUKUROVA UNIVERSITY

- Electric Vehicle Project
- Team Management
- Project Plan
- Software and Hardware Design of BMS
- Switch Mode Power Supply

01/08/2016 – 01/09/2016 İstanbul, Türkiye

**INTERN ENGINEER** SIMGE INDUSTRIAL ENGINEERING

## ● EDUCATION AND TRAINING

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01/09/2019 – 20/08/2023 Adana, Türkiye

**ELECTRIC ELECTRONIC ENGINEERING POST GRADUATE** Adana Alpaslan Turkes Science and Technology University

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01/09/2013 – 01/06/2019 Adana, Türkiye

**ELECTRIC ELECTRONIC ENGINEERING** Cukurova University

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01/09/2009 – 01/06/2013 Gaziantep, Türkiye

**HIGH SCHOOL** Mustafa Gurbuz Necat Bayel Anatolian High School

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## ● LANGUAGE SKILLS

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Mother tongue(s): **TURKISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B1	B1	B1	B1	B1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DIGITAL SKILLS

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C++ | PYHTON | Matlab | C Sharp | Solid Works | PLC Programming | Code Composer Studio | Altium | Eagle CAD | Power Simulation | Capital Logic | Capital Harness | Logicad | Autocad

## ● ADDITIONAL INFORMATION

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### CERTIFICATIONS

26/02/2022

**TUVSUD DGUV 209-093 High Voltage (HV) Electric Vehicles (Level 2E)**

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