

MELIH M. KARACA

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EXPERIENCE

SIEMENS

Intern

Istanbul, TR
September 2017 - June 2018

- Provided active support in finding solutions to technical problems in production lines.
- Comprehensively examined the production processes of machines such as injection moulding stages, coil winding and press in the Maintenance-Repair department.
- Took part in the installation processes of automation systems.

Kluh Multiservices Turkey

Automation Technician

Istanbul, TR
November 2021 - October 2022

- Ensured the follow-up of the maintenance processes of the machines in the enterprise.
- He took part in the planned maintenance and revision of the machines.
- He contributed to the production process of the enterprise by carrying out revision processes under the name of Kaizen.
- He took part in the 3D design of critical mechanical parts in the enterprise.
- Supported the maintenance team in the preparation of the specifications of the installed systems.
- Provided the data flow of the maintenance department via SAP software.

Kluh Multiservices Turkey

Intern

Istanbul, TR
July 2023 - September 2023

- He worked in the field of image processing of automation systems.
- He renewed the periodic maintenance forms of all machines in the enterprise.
- It contributed to the increase of KPI (Key Performance Indicator) data of maintenance for the future.
- He took part in the programming of KUKA and ABB robots in the plant.

OMTAŞ

Intern

Kocaeli, TR
June 2025 - June 2025

- Learnt new product commissioning procedures and engineering change processes in the R&D department.
- Gained knowledge about the production and quality cycle of hot forging processes in closed moulds.
- In the project, practical studies on forging model creation, mould modelling and simulation and flow analyses were carried out.
- Process FMEA studies were observed and quality-oriented risk assessment methods were learnt.
- Active role was taken in the creation of project flow charts and preparation of operation cards.

SKILLS

MS Office::	Word, Excel, PowerPoint
ERP & Quality Systems::	SAP
Technical Drawing and Analysis::	SolidWorks, AutoCad, Ansys, Catia, Siemens Nx, Forge, Microstation 95
Programming Language:	C / C++, C#, Python
Software Applications:	MATLAB, Wincc Step 7, TIA Portal

PROJECTS

Underwater Vehicle SolidWorks, Ansys, Catia

<https://www.linkedin.com/in/tech-shadow/>

Teknofest autonomous underwater competitions advanced level category competition.

Environment and Energy Technologies

Teknofest Environment and Energy Technologies competition energy conversion systems category.

EDUCATION

Zonguldak Bulent Ecevit University

Associate Degree Control and Automation GPA: 3,07

Zonguldak, TR
September 2018 - June 2020

Afyon Kocatepe University

Bachelor's Degree Mechatronics

Afyon, TR
September 2022 - Present