

Mahmut ACAR

Phone: +90 545 911 67 35

Email: mahmutacar9556@gmail.com

Professional Summary

Metallurgical and Materials Engineering student with experience in composites, foundry processes, and materials research. Skilled in analysis, problem-solving, and production support. Focused on engineering quality, efficiency, and continuous improvement.

Work Experience

Volo Composite Solutions, Ankara — Metallurgical and Materials Engineering Intern (2025)

- Assisted in quality control and inspection of composite parts.
- Supported production planning and composite manufacturing tasks.
- Communicated with suppliers and helped track inventory.

Alfa Döküm, Ankara — Metallurgical and Materials Engineering Intern (2025)

- Performed microstructure analyses using optical microscopy.
- Conducted molding sand tests including grain size, hardness, and permeability.
- Supported workflow optimization and core repair operations.

Nurol Teknoloji — Remote Researcher (2025)

- Completed literature reviews on advanced materials.
- Analyzed technical data and presented findings to research team.

Education

Atilim University — B.Sc. in Metallurgical and Materials Engineering (2022 - Present)

Technical Skills

- Microsoft Office
- Microsoft Excel
- Microsoft PowerPoint
- AutoCAD
- Siemens NX11 (Basic)
- Python

- FactSage

Languages

Turkish — Native

English — B1 (Intermediate)

Volunteering

Founder — Atilim University Social Responsibility Community (2025 - Present)

Organized social responsibility projects and fundraising events in collaboration with LÖSEV.