

Ahmet Çelik

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Education

Koç University

Mechanical Engineering & Computer Engineering. 3.34 GPA
3rd year

İstanbul, Turkey
2022 - Present

Related Courses:

- **MECH:** *Manufacturing Processes, Dynamic Modeling & Control, Heat Transfer, Fluid Mechanics, Dynamics, Numerical Methods, Thermodynamics, Statics, Engineering Materials, Engineering Statistics.*
- **COMP:** *Computer Systems & Programming, Data Structures & Algorithms, Advanced Programming (Java), Programming with Python.*

YKS (Turkey's University Exam)

Ranked **163rd out of ≈3 million** students (Quantitative field)
490/500

2022

PEMA Koleji High School

GPA: 4/4 (weighted)

Konya, Turkey
2018-2022

Experience

Koç University Manufacturing and Automation Center (MARC)

Undergraduate Research Assistant

İstanbul, Turkey
Feb. 2025 – Jul. 2025

- Conducted research on reducing residual stresses and improving mechanical strength in metal parts produced via Selective Laser Melting (SLM).

Hidrokon Konya Hydraulic Machinery Industry & Trade Inc.

Manufacturing Engineering Intern

Konya, Turkey
Jul. 2025 – Aug. 2025

- Cutting insert lifespan analysis and cutting parameters optimization.
- CAD, CAM modeling of pistons via Solidworks.

Yeniköy Kemerköy Electricity Generation and Trade Inc.

Engineering Intern

Muğla, Turkey
Aug. 2024 - Sep. 2024

- Gained hands-on experience with industrial production processes.
- Measured and documented water leakage samples to support system performance analysis.

Leadership & Activities

Koç University Mountaineering Club

Board Member & Equipment Manager

İstanbul, Turkey
Oct. 2023 - July 2025

Skills & Interests

- **Technical:**

MECH: Advanced Modeling, Drafting, Assembly in Siemens NX and Solidworks. Advanced MATLAB, ANSYS, ANSYS Fluent.

COMP: Computer Systems, Python, Java, C, Object Oriented Programming.

Refer to: [My LinkedIn](#) for the most updated version.

- **Projects:**
 - Mechanical Calculator: Disassembled a Facit C1-13 Mechanical Calculator. Modeled, Drafted and Assembled it using Siemens NX. Made a partial Motion design.
- **Language:**
 - English (Advanced)(C2), German (Intermediate)(A2)
- **Interests:**
 - Participated in Deneyp Program (T3 Foundation) for Robotics & Programming
 - Active in rock climbing and mountaineering for 4 years