



Alper Ünlü

Problem Solver, Quick Learner, Investigative
and Analytical

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Adana, Turkey

<https://www.linkedin.com/in/unlualper/>

Education

- ATÜ Science and Technology University · **Master's Degree**
Electrical Engineering - Energy Technology
09/2019- 07/2022 Adana, Turkey
GPA **3.81** / 4.0
- Kaunas University of Technology · **Bachelor's Degree**
Mechanical Engineering, Erasmus Program
08/2015 - 03/2016 Kaunas, Lithuania
- Mersin University · **Bachelor's Degree**
Mechanical Engineering
2013-2018 Mersin ,Turkey

Experience

- **Barış Technological Installation** · Adana / Turkey
Senior Project & Design Lead
January 2023 - Present
 - Provide strategic oversight and leadership for a dynamic team of six engineers, setting project direction, reviewing outputs, and validating design decisions.
 - Specialize in generating detailed manufacturing schematics and deriving intricate engineering metrics including steam capacity, pipe configuration, flow charts, and pressure calculations.
 - Craft precise layout technical drawings, leveraging vast industry experience and technical acumen.
 - Synthesize high-level project and design knowledge to effectively address and resolve complex challenges in equipment design and project execution.
- **Technical Sales & Design Engineer**
January 2020 - January 2023
 - Undertook and completed over 140 projects within a 3-year span, which included designing a wide variety of heat exchangers and boilers tailored to customer needs.
 - Prepared comprehensive quotations for clients and established standard parameters for equipment design.
 - Handled the application process for CE marking for each project, ensuring all designs complied with EN 12952-12953-13445 standards.
- **Design Engineer**
June 2019 - January 2020
Applied advanced heat transfer knowledge to effectively understand and utilize boiler and heat exchanger design principles, leading to the successful delivery of bespoke equipment tailored to client specifications.
- **Oğuz Tekstil** · Adana / Turkey
Maintenance Engineer Intern
June 2017 - September 2017

Language

| | |
|--------------------------|---------------|
| English | Turkish |
| Professional Proficiency | Main Language |

Skills & Competencies

- **Design Engineering** - Proficient in applying reverse engineering principles to boiler and heat exchanger designs.
- **Technical Sales** - Experience in developing customer-focused solutions, and preparing comprehensive quotations.
- **Project Leadership** - Proven ability to guide and validate the work of engineering teams, driving projects from conception to completion.
- **Regulatory Compliance** - Skilled in applying industry standards (EN 12952) and acquiring CE marking for designed equipment.
- **Technical Drawing** - Expertise in creating detailed manufacturing and layout technical drawings.
- **Engineering Calculations** - Proficient in calculating intricate engineering metrics including steam capacity, piping, flow diagrams, and pressure calculations.
- **Problem-solving** - Demonstrated ability to resolve complex design and project execution challenges.
- **Software Proficiency** - AutoCad, Matlab, Excel, Ansys, SolidWorks, PPSD, AutoPlant.

Interest

| | |
|-------------|---------|
| Photography | Dancing |
| Music | Driving |
| Gaming | Reading |

Reference

Onur Ünlü

CEO of ESCON Enerji A.Ş., Turkish Enterprise and Business Confederation Boardmember

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Phone Number Will be shared on
request in accordance with GDPR

Metin Filizci

Export & Regional Sales Manager at Baris Tech.

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