TÜRKÜ AÇAR

turkuacar@gmail.com · linkedin.com/in/turkuacar
Ankara, Türkiye · +90 541 215 1515

I'm an engineer who is passionate about finding solutions for environmental issues. Currently, I'm doing a master's in environmental engineering as I want to profound my skills academically. I have worked as an LCA analyst, project manager, regulatory affairs specialist and recently pursued a career in commerce. It is clear to me that I want to pursue a career not only aligns with my values but also comprehensive enough to put my skills to use efficiently.

EXPERIENCE

FEBRUARY 2025 – CURRENTLY
TECHNOLOGY DIRECTOR, İSTEK RENEWABLE ENERGY, INC.
- Managed the technical aspects of the product, including documentation, quality control, and a deep understanding of its specifications
- Utilized technical expertise to identify new customers and support sales by aligning product capabilities with client needs

OCTOBER 2023 – JANUARY 2025
LCA ANALYST, FORD OTOSAN, ISTANBUL, TURKIYE
- Conducted comprehensive Life Cycle Analysis for electric vehicles and battery EoL using SIMAPRO, ensuring compliance with ISO 14040 and ISO 14044 standards.
- Coordinated Ford Otosan's role in Europe Horizon projects, enhancing recycling efficiency of automotive spare parts.

DECEMBER 2020 – AUGUST 2023
REGULATORY AFFAIRS SPECIALIST, BEKO GLOBAL, ISTANBUL, TURKIYE
- Collaborated with manufacturer associations to influence policymaking, enhancing company standing in regulatory debates.
- Monitored evolving regulations, aligning company practices with the European Green Deal initiatives.
- Facilitated cross-functional training sessions on new regulatory standards and compliance processes.

AUGUST 2020 – SEPTEMBER 2020
R&D INTERN, WAT MOTOR COMPANY, REMOTE
- Conducted mechanical analysis of an electric motor design using ANSYS.

JULY 2019 – AUGUST 2019
R&D INTERN, BEKO ELECTRONICAL APPLIANCES, CHANGZHOU, CHINA
- Evaluated washing machine parts for durability, proposing improvements to enhance performance and reduce costs.

JANUARY 2019 – FEBRUARY 2019
R&D INTERN, ARCH R&D CENTER, WUXI, CHINA
- Collaborated with R&D teams to streamline design processes for top load washing machines.
- Conducted thorough market research on top load washing machines, identifying key design improvement areas.

EDUCATION

FEBRUARY 2025-CURRENTLY
MS ENVIRONMENTAL ENGINEERING, MIDDLE EAST TECHNICAL UNIVERSITY, ANKARA, TURKIYE

SEPTEMBER 2015-JULY2021
BS MECHANICAL ENGINEERING, BOGAZICI UNIVERSITY, ISTANBUL, TURKIYE
GPA: 3.2/4.0

FEBRUARY 2018-JULY 2018
CHINESE LANGUAGE AND CULTURE PROGRAM, QINGDAO UNIVERSITY, QINGDAO, CHINA
- Awarded scholarship for excellence in Chinese language studies, recognising academic dedication.
- Completed Chinese language and culture courses, enhancing communication skills and cultural understanding.
- Participated in field trips to historical sites, gaining insights into China's rich heritage.

ACTIVITIES

AUGUST 2022
DKE YOUNG PROFESSIONALS PROGRAM, OFFENBACH, GERMANY
- Workshops aimed at promoting the dissemination and advancement of standardization and encouraging broader participation in standardization activities.

SEPTEMBER 2019-JUNE 2021
VOLUNTEER STUDENT ASSISSTANT, CONFUCIUS INSTITUTE, BOGAZICI UNIVERSITY, ISTANBUL, TURKIYE
- Developed strong organisational and communication skills through daily operational tasks, ensuring efficient workflow within the institute.

FEBRUARY 2018-MARCH 2018
VOLUNTEER FOREING MEMBER, BUSAN JUST SPEAK LANGUAGE CAFÉ, SOUTH KOREA
- Facilitated English conversation sessions for Korean members, enhancing their fluency and confidence in speaking.

JULY 2016-AUGUST 2016
VOLUNTEER ENGINEERING INTERN, AIESEC INDIA, NEW DELHI
- Designing automatic irrigation system, integrating Arduino and solar panels to enhance efficiency in rural areas.

SKILLS

GRE: Verbal Reasoning 149, Quantitative Reasoning 170, Analytical Writing 3.5
ALES: 95.3/100
LANGUAGE SKILLS
TURKISH: Native
ENGLISH: Advanced, C1, IELTS Score:7.5
CHINESE: Intermediate, HSK 5 (C1) Certificate
COMPUTER SKILLS
- MS OFFICE – ADVANCED LEVEL
- MS POWER AUTOMATE – INTERMEDIATE LEVEL
- SIMAPRO – ADVANCED LEVEL
- AUTOCAD - INTERMEDIARY LEVEL
- PHOTOSHOP – INTERMEDIATE LEVEL