

FATIMA MAMMADZADA

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Education

Master of Business Administration
Emphasis in Project Management
Webster University, St Louis, Missouri

Graduation: December 2025
GPA: 3.89/4.00

Bachelor of Science in Electrical Engineering
Istanbul Technical University, Istanbul, Turkey
ABET-accredited program (Engineering Accreditation Commission)
Relevant Coursework

Graduation: May 2023

- Designed and presented a graduation project on Wireless Power Transmission using solar panels.
- Created interior electrical installation drawings and lighting design for a 3-story building.

Experience

Electrical Design Engineer, Labos Lighting, Istanbul, Turkey

March 2023 – May 2024

- Designed lighting layouts using AutoCAD for commercial, residential, and industrial projects.
- Performed DIALux calculations to ensure compliance with international lighting standards.
- Collaborated with senior engineers to optimize energy efficiency and reduce installation costs.
- Key Projects:
 - Astana Congress Center – Coordinated with project managers to select luminaires; developed placement plans for linear, concealed, and driver-integrated systems; prepared procurement requests with suppliers.
 - Tersane Istanbul Hotel – Conducted on-site measurements, managed procurement, and supervised product placement for back-of-house lighting systems.
 - Sembol Construction HQ – Proposed luminaires with proper wattages and performed lighting calculations to ensure compliance with office lighting standards.
 - Astana Nursultan Mosque – Produced a full 3D facade lighting design and performed exterior illumination calculations.
 - BHP Mosque (Levent) – Designed and calculated lighting for façade, back-of-house areas, and parking facilities.
 - IUFM Ziraat Bank HQ & TCMB HQ – Developed large-scale lighting schemes for podium floors, executive offices, and general office levels, including procurement and calculations.
 - Rixos Premium KAEC – Created detailed 3D prototypes of individual rooms aligned with architectural design materials; performed lighting calculations to ensure both technical compliance and visual comfort.
 - Altunizade ALTO Hotel & PNL Levent – Executed façade and interior lighting optimization with placement strategies and technical calculations.

Intern Sales Representative, MEGA Print, Istanbul, Turkey

August 2022 – October 2022

- Managed inventory and generated reports using Microsoft Dynamics 365.
- Conducted quality control inspections and supported logistics operations for Asia region sales.

Skills

Technical: AutoCAD, DiaLUX, Python, SQL, R, HTML/CSS, Microsoft Dynamics 365

Language: English (Advanced), Turkish (Native), Azerbaijani (Native), Spanish (Intermediate)

Laboratory: Electrical Machines, Electric Distribution Automation, Lighting Technology, High Voltage

Industry Knowledge: Lighting Technology, Electrical Systems, Project Management, Construction Projects