

BUSE NUR YAŞAR

Chemical Engineer

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Summary: A person who has a clear understanding of the responsibilities of being a chemical engineer. She has the enthusiasm to improve herself and the institution she is a part of. Having strong social skills and feels pleasure to work as teams.

Education:

- **B. Sc.** in Chemical Engineering, Izmir Institute of Technology / GPA:2.5 (October 2016–September 2022)
- **M.Sc.** in Engineering Management, Hacettepe University (February 2025 – Present)

Experiences:

- **Project and Proposal Engineer at “Yılmaz Proses Teknolojileri”** (February 2023 – Continue)
Preparation of equipment and plant offers, after-sales production follow-up. Follow ordered projects to completion, share regular reports and ensure that the project progresses smoothly in coordination with all departments
- **Production Intern at “Aspilsan Enerji”** (July 2022 – August 2022)
Production, research and development of cylindrical lithium-ion batteries.
- **Project Intern at “Viking Kağıt ve Selüloz A.Ş.”** (February 2021 – June 2021)
Carrying out an R&D project on measuring the amount of ink in the wastewater from the deink unit by going to the factory once a week as part of the "Cooperative Education" course for a semester.
- **Production Engineering Intern at “Marmara Cam Sanayi A.Ş.”** (19th of August – 16th of Sept 2019)
Production of harvest for glass making, furnace, and quality control departments.

Social Activities:

- IEEE IZTECH Student Branch
Hold various positions and get an active role in the organization and management of the student branch.
 - Chair of Women in Engineering (2018-2019)
 - Board of Directors Treasurer (2019-2020)
 - Member of the Supervising Council of the Board (2020-2022)
- IZTECH Folk Dance Society (2017-2021)

Project:

- Engineering Economics and Design Term Project “*Plant Design for Production of Ethylene Glycol from Hazelnut Shell (2021-2022)*”
- Graduation Thesis Project “*Heterogeneous catalyst synthesis for isosorbide dehydration from sorbitol (2022)*” with Prof. Dr. Selahattin Yılmaz
- Introduction to Chemical Engineering Course Project “*Supporting Catalyst Synthesis (2017)*”

Programs

- Coaching Support (December 2020-February 2021): Personal development program organized by UREV
- Mentor-Mentee Program (May 2021-December 2021): Experience transfer program with people working in the industry as part of the ‘Kız Kardeşlik Programı’ by BinYaprak

Relevant Technical Skills: MS Office, MS Project, Autocad, MATLAB, GNU Octave, Aspen Plus, Logo, SAP

Languages:

- **English** Professional level of reading, writing, listening and speaking.
- **German** Basic reading, writing, listening, and speaking.

References:

Prof.Dr. Muhsin Çiftçioglu / IZTECH Chemical Engineering Department, muhsinciftcioglu@iyte.edu.tr
Prof. Dr. Selahattin Yılmaz / IZTECH Chemical Engineering Department, selahattinyilmaz@iyte.edu.tr
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