



Bahriyenur ARABACI

Chemical Engineer, Research Assistant

✉ bahriyenurarabaci@iyte.edu.tr

📍 İzmir, Turkey

in Bahriyenur Arabacı

PROFESSIONAL EXPERIENCE

Izmir Institute of Technology

Research and Teaching Assistant

01/2023 – present | İzmir, Turkey

Yüksel Research Group

Researcher

01/2022 – present | İzmir, Turkey

Anadolu Efes

Project Engineer Intern

09/2021 – 01/2022 | İzmir, Turkey

Şişecam Chemicals

Production Engineer Intern

08/2021 – 09/2021 | Mersin, Turkey

Sun Chemical

Production Engineer Intern

07/2021 – 08/2021 | İzmir, Turkey

PROJECTS

Synthesis of Iron and Copper-doped Graphitic Carbon Nitride for Hydrogen Production from Wastewater

BAP project

2023 – present

Phosphoryl-Functions for Lithium Recovery from Water Sources Cellulose-based Adsorbents

TUBITAK 1001 project

01/2021 – 12/2022

Adsorbent Synthesis for the Recovery of Lithium Water Resources

Graduation project at IZTECH

01/2022 – 07/2022

Production of Ethylene Glycol from Waste Biomass: A techno-economic Assesment

Design project at IZTECH

10/2021 – 07/2022

EDUCATION

MSc, Chemical Engineering

Izmir Institute of Technology

10/2022 – present | İzmir, Turkey

BSc, Chemical Engineering

Izmir Institute of Technology

2017 – 07/2022 | İzmir, Turkey

cGPA: 3.42/4.00

BSc, Chemical Engineering and Technology

Cracow University of Technology

02/2020 – 04/2020 | Krakow, Poland

Erasmus+ fellowship

ORGANIZATIONS

IZTECH TEMA Foundation

Vice President

02/2019 – 02/2020 | İzmir, Turkey

IEEE IZTECH Student Branch

Member

02/2018 – 02/2019 | İzmir, Turkey

LANGUAGES

English

Turkish

SKILLS

- MATLAB
- ASPEN Plus
- MS Office
- Process Design and Optimization