

Joud Al Hourani

Master's student

Department of Chemistry

Bilkent University, 06800, Ankara, Turkey

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Education

M.Sc. in Chemistry (2024-Present)

Department of Chemistry, Bilkent University, Ankara, Turkey

Advisor: Prof. Emrah Ozensoy

B.S. in Chemical Engineering (2020-2024)

Department of Chemical Engineering, Ankara University, Ankara, Turkey

GPA: 3.46

Graduation Thesis: Synthesis and Applications of Metal Oxide Based Nanocomposites

Advisor: Prof. Nuray Yildiz

Key Projects:

- Process Design for Cyclohexanone Production via Phenol Hydrogenation:

Designed and optimized a plug flow reactor, separation units, heat exchangers, and flow systems.

High School Diploma (2019)

MBI High School, Riyadh, Saudi Arabia

Work Experience

Research assistant (2024-present)

Ozensoy lab group

Advisor: Prof. Emrah Ozensoy

Teaching Assistant (2024-present)

Department of Chemistry, Bilkent University

Production Intern (2022)

Pol Boya, Ankara, Turkey

- Gained hands-on experience in chemical production processes.
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Skills

Software:

- MATLAB
- ChemCAD
- AutoCAD
- Aspen HYSYS
- Microsoft Office Suite

Languages:

- Arabic: Native
- English: Professional Proficiency
- Turkish: Professional Proficiency
- German: Intermediate