

RASOOL SAFAEE

Rasoolsafae1@gmail.com • www.linkedin.com/in/rasoolsafae

Date of birth 28/04/1996 | Nationality Iranian

EDUCATION

OCTOBER 2020 – JUNE 2022

M.Sc. In Catalysis, Amirkabir University of Technology

M.Sc Final Thesis: Kinetic Modeling of Naphtha Reforming Reactions

SEPTEMBER 2015 – DECEMBER 2019

B.Sc. In Chemical Engineering, Birjand University of Technology

RESEARCH INTERESTS

- Catalytic Processes
- Mathematical Modeling
- CFD Modeling
- Green Synthesis

SKILLS

- Languages: English
- Coding: MATLAB, Python
- Technical Software: Aspen HYSYS, COMSOL, Gaussian, Auto Dock Vina.
- Microsoft Package: Excel, Word, PowerPoint, Access.

PROFESSIONAL EXPERIENCE

2020 –2021

Research Assistant, Birjand University of Technology, Birjand, Iran.

2018 – 2020

Teaching Experience, Heat Transfer II, Thermodynamics, Applied Mathematics in Chemical Engineering

JUNE 2019–SEP 2019

Internship, Khangiran Gas Refinery, Razavi Khorasan Province, Iran.

Academic Experience

- Simulation of "membrane reactors" for hydrogen generation, using COMSOL. Supervisor: Dr. Mohammad Rahmani
- Seminar presenting concerned "Application of Polymers in Manufacturing", Birjand University of Technology
- Seminar presenting concerned " Classification and Selection of Industrial Dryers ", Birjand University of Technology
- Holding Training Courses of MATLAB in Universities of Iran
- Creating an Excel file for Feasibility Analysis & Reporting. Supervisor: Dr. aboozar khajeh

AWARDS, HONORS, AND MEMBERSHIP

- Certified PDMS. Awarded by Amirkabir University of Technology.
- Certified MATLAB. Awarded by Amirkabir University of Technology (100/100).
- Representative of Iran Nanotechnology Innovation Council in South Khorasan Province (January 2017–june 2018)
- Head of Student Scientific Association of Chemical Engineering of Birjand University of Technology (2 Years)
- Head of Student Scientific Association of Nanotechnology of Birjand University of Technology (1 Years)