

Curriculum Vitae

Personal Information

- Full Name :
 - Date of Birth: Gender: **Female**
 - Marital status: **Single**
 - Nationality: **Iranian**
-

Contact Information

- Permanent address:
 - Postal code:
 - Phone: Cell Phone:
 - Email:
-

Education

- 2010– Present: B.Sc. Chemical Engineering, Amirkabir University of Technology, Tehran, Iran.
GPA: 17.25/20 (123 Credits)
Note: Amirkabir University of Technology is the most prestigious technical university in Iran.
-

Research

- **“Effect of Multi Structure Directing Agents On the Synthesis of Nano Sized ZSM-5”**.
-

Course Projects

- Mechanical Design of Industrial Boilers (Project of Static, Supervisor: Dr.Rohani)
- Design and Rating of Heat Exchangers by ASPEN B-JACK (Project of Heat Transfer, Supervisor: Dr.Mozafarian)
- Review on Kinds of Viscometers (Project of Fluid Mechanic, Supervisor: Dr. Dabir)
- Drug Delivery Application of Polyaminoamid (PAMAM) dendrimers (as An Assistant of Ph.D. student, For Future Research)

- Investigating Methods and Effective Parameters in the Adsorption of Mercury from Aqueous Solutions by Activated Carbons (Project of Unit Operation, Supervisor: Dr.Soleimani)
 - Design of Sulfuric Acid Production Unit (Project of Research Methods and Report Writing, Supervisor: Dr.Shams)
 - Developing a Code in MATLAB for Propane Combustion calculations includes AFT, Air-flow ratio and Flammability limits (Project of Principle of Combustion Engineering, Supervisor: Dr.Rashidi)
-

Research Interests

- Nanocatalysts
 - Process Simulation and Modeling
 - Environmental Science
 - Fuel Cells
 - Nano membrane
 - Reclaimed Water
 - Drug Delivery
-

Honors & Awards

- I am awarded by the Dean of Amirkabir University of Technology at Chemical Engineering Department, an opportunity for continuing Graduate Study in Chemical Engineering without taking National Graduate Study Entrance Exam, 2013
Note: Only highly distinguished students can enter Graduate Studies without this exam.
 - Ranked 1063th among about 500000 students who were attended in university Entrance exam for Engineering majors in 2010.
-

Research Experience

- Working in a catalyst group for more than a year in the Catalyst lab in Chemical Engineering Department.

Work Experience

- Summer Internship, Offshore Oil Company, 2013.
- Teaching Experience of Mathematics in High Schools and Private Institutes of Tehran.

Professional courses and certificates

- HYSYS simulation software training course, Amirkabir University of Technology, 2013.
- MATLAB software training course, Amirkabir University of Technology, 2012.
- ASPEN B-Jack software training course, Amirkabir University of Technology, 2012.
- HSE Workshop, about HSE management systems, Internal Audit & integration, By TUV Rheinland academy, 2012.
- C++ Programming, Tehran University, 2011.

Skills

- Considerable ability in teamwork.
- Proficient User: Microsoft Office.