

M.Sc. student, Chemical Engineering, ×××××× University of Technology, Tehran, Iran

Personal Info

Date of Birth: ×× January 19××

Hometown: ××××××××, Isfahan, Iran

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Education

M.Sc. | September 2018 – September 2021 | ××××××× University of Technology, Iran

- Chemical Engineering (Separation Processes)
- Cumulative GPA: 16.20 out of 20 (3.42 out of 4) via 26 credits
- Last 3 semesters GPA: 17.13 out of 20 (3.57 out of 4) via 14 credits
- **Thesis:** Experimental investigation on the ××××××-×××××× two-phase ×××× separation with ×××××××× ×××××× in microfluidics (score: 19 out of 20). Jan 2019 – Sep 2021 Supervisor: Dr. ××××××××

(I also simulated my project with COMSOL Multiphysics with the help of SolidWorks software for drawing the microchannel geometry, and I studied the different effective conditions to find the optimum point for separating target microparticles from others in a special spiral microchannel.)

B.Sc. | September 2014 – July 2018 | ×××××××××× University, Iran

- Chemical Engineering
- Cumulative GPA: 16.20 out of 20 (3.4 out of 4) via 140 credits
- **Thesis:** ×××××××××××××××××××× using microbial electrolysis cells (MEC). Feb 2018 – Sep 2018 Supervisor: Dr. ××××××××

Research Interests

- Microfluidics
Lab-on-a-chip Spiral microfluidics Microalgae separation Cell Separation
- Biomedical Engineering
- Catalyst & Catalytic Reactions Engineering
- Fluid Mechanics
- Environmental Engineering
Wastewater treatment Potable water treatment

Publications

Review Paper (submitted): Paper Title

Author 1, Author 2, Author 3

Conference Paper Title

Author 1, Author 2, Author 3, Author 4

- *The ××th International Chemical Engineering Congress & Exhibition (IChEC 20××)*

Paper Title

Author 1, Author 2

- *In prep to be submitted by October 2021*

Selected Courses

Masters

Less-Conventional Separation Techniques	16.8 out of 20	With Dr. xxxxxx
Advanced Chemical Eng. Mathematics	16.9 out of 20	With Dr. xxxx xxxxxx
Mechanical Separation	18.2 out of 20	With Dr. xxxxxx
Fluidization Engineering	19 out of 20	With Dr. xxxxxxxx
Advanced Kinetics & Reactor Design	17.5 out of 20	With Dr. xxxxxxxx

Undergraduate

Computer Programming	20 out of 20	With Dr. xxxxxxxx
Fluid Mechanics	17.7 out of 20	With Dr. xxxxxxxx
Application of Mathematics in Chemical Eng.	20 out of 20	With Dr. xxxxxxxx
Safety in Chemical Industries	19.1 out of 20	With Dr. xxxxxxxx
Water & Wastewater Treatment	17.27 out of 20	With Dr. xxxxxxxx

Language Skills

- English: Duolingo English test (overall result: 120)
- Arabic: Intermediate
- Persian: Native

Teaching & Work Experiences

- English Teaching in Ideal Institute in [City Name] (zabanideal.ir).
- Elementary School Mathematics Tutor
- 6th Grade Mathematics Teaching in School
- Painting Pencil Crayons Training at the University's Cultural & Artistic Institute (xxxxxxx University)
- Employee of 3Gaam Institute
Experience working on SEO and Content Production at 3Gaam Institute (3Gaam.com).
- Starting up an Online Boutique ([Brand Name])
Work on selection, Purchase, and designing photo products of girl's clothing accompanied by Loading on the Site and Instagram for sale...
- Activities in The Executive Group of The University Philosophy Institute

Software and Programming Skills

- **Web Designing:** Passing Training Classes (Html, CSS, UI, UX, Adobe XD, WordPress, WooCommerce), Acceptance in Final Project (Score 91 Out Of 100), Winter, 201×, University of Tehran Entrepreneurship Institute (Utkarafarini.Com), Tehran, Iran.
- **Aspen HYSIS:** Passing Training Classes, Acceptance in Final Project, Summer, 201×, Isfahan, Iran.
- **Advanced Level**
COMSOL Multiphysics SolidWorks Microsoft Office HTML & CSS Photoshop SEO WordPress
- **Intermediate Level**
Aspen ADSIM MATLAB Adobe XD Adobe Illustrator Aspen HYSYS C sharp (C#)

Nonacademic Activities & Hobbies

- Sports (Volleyball, Karate, Mountaineering, Swimming...)
- Painting (Watercolor, Pencil Crayons, Pastel...)
- Reading books (Philosophy, History, Poetry, Novel...)

References

Dr. xxxxxxxx xxxxxxxx | Associate Professor | xxxxxx University of Tech | Chemical Engineering Dept.
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