



Amirhossein Montazeri

Curriculum Vitae

Sharif University of
Technology, Tehran, Iran

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Lab Interests

- Laboratory for Processing of Advanced Composite (LPAC)
- Polymer Laboratory (PL)
- Soft Materials Laboratory (SMaL)

Education

- 2016-present **B.Sc. in Materials Science and Engineering**, Sharif University of Technology, Tehran, Iran, GPA: 15.45/20
Thesis: "Improving Mechanical Properties of Poly Propylene Nano Clay Composite" under the supervision of Prof.R.Bagheri
- 2015 **Diploma in Mathematics and Physics**, Sampad High School, Qazvin, Iran, National Organization for Development of Exceptional Talents (NODET), GPA: 19.47/20

Lab Experiences

- 2020 -present **Polymer and Chemical Lab**, Department of Research and Development (R&D), Rad Sepehr Pazhoh Co (Knowledge Enterprise Related to Sharif University of Technology), Tehran, Iran
Undergraduate researcher under the supervision of Dr.M.Gharebeik
Developing on Essential Oil by Fischer_Speier Esterification Reactions
Developing on Artificial Nail Based Acrylic Polymer Powder
- 2019 -present **Polymeric Materials Research Group (PMRG)**, Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran
Undergraduate researcher under the supervision of Prof.R.Bagheri
Researching on Improving Mechanical properties of PP-nano clay pipe grade composite by using HDPE masterbatch
- Fall 2019 **Solidification & Casting Lab**, Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran
As a volunteer student researcher under the supervision of Dr.R.Tavakoli
Stimulating on Casting Al Alloy by ProCAST Software
- Summer 2019 **Polymer Lab**, Department of Research and Development (R&D), Parsa Polymer Sharif Co (Knowledge Enterprise Related to Sharif University of Technology), Tehran, Iran
As internship under the supervision of Prof.R.Bagheri
Researching on 3D Printable Polymer Materials

Related Work Experiences

Teaching

- Fall 2020 **Presentation of Film Blowing Method in Polymer manufacturing processes**, *Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran*
By invitation of Dr.G.R.Pircheraghi In Principal of Polymer Engineering Course
(For experience in my internship)
Presenting to junior students
- Fall 2018 **Numerical Computing Course**, *Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran*
As Teaching Assistant
Designing numerical computing course HomeWorks
- Spring 2018 **High School Physic Course**, *Yarigaran Sharif Club (non-profit charity organization), Sharif University of Technology, Tehran, Iran*
As volunteer activity
Teaching to child labor Students
- 2015 -2017 **High School Calculus Course**, *Sampad High school, Qazvin, Iran*
By invitation of sir.B.Behbodi (For my experience in the National B.Sc. Entrance Exam)
Teaching calculus course to high school students for National B.Sc. Entrance Exam

College job

- 2020 -present **Rad Sepehr Pazhoh Co**, *Department of Research and Development (R&D), Rad Sepehr Pazhoh Co (Knowledge Enterprise Related to Sharif University of Technology), Tehran, Iran*
Part-time
Member of polymer and chemical lab
- 2017 - 2018 **The Sharif University of Technology Library**, *Sharif University of Technology, Tehran, Iran*
Part-time
Member of Mentors who Guide Students

Awards and Achievements

- 2015 **700th Place (Top 0.4%)**, *National B.Sc. Entrance Exam - Mathematics and Physics*
National Organization for Educational Testing (NOET)
- 2014 **Honorable Mention, 23th Iran Nationwide Olympiad in Mathematics**
Iranian Young Scholars Club (IRYSC)
- 2014 **Honorable Mention, 23th Iran Nationwide Olympiad in Physics**
Iranian Young Scholars Club (IRYSC)
- 2010 **3rd Place**, *27th National Swimming Competitions – Azadi complex, Tehran, Iran*

As a member of the Qazvin province team

Main Passed Courses

Spring 2020	Advanced Materials , by Prof.H.Madaah, Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran Optional Course, Grade: Pass / (Pass, Fail)
Fall 2019	Selection of Engineering Materials , by Prof.R.Bagheri, Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran Grade: 17.3/20
Spring 2019	Principal of Polymer Engineering , by Dr.G.Pircheraghi, Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran Grade: 17/20
Spring 2017	Principal of Materials Engineering and Science , by Prof.A.Simchi, Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran Grade: 19/20
Fall 2016	General Chemistry 1 , by Prof.M.Bagherzade, Department of Chemistry, Sharif University of Technology, Tehran, Iran Grade: 17.8/20

Skills

Language	<ul style="list-style-type: none">• Proficient in English.• Familiar with France, Arabic.• Persian native.
Programing	<ul style="list-style-type: none">• Proficient in Java.• Familiar with Python, MATLAB.
Software	<ul style="list-style-type: none">• Proficient in Adobe Photoshop, Adobe Illustrator, ProCAST.• Proficient in Microsoft Office. Microsoft (Word, Excel, PowerPoint).• Familiar with CorelDRAW, AutoCAD, Visual Studio.• Familiar with LATEX Typesetting.
Operating System	<ul style="list-style-type: none">• Windows and Linux (As end-user, administrator)

Hobbies and Interests

- **Swimming**, refreshing my self by swimming which can fit me up either.
- **Programming**, Learning Android software as a developer. I am interested in programming.
- **Board Game**, Playing board games in my spare time. Publishing META TALK podcast in this subject by associated with F.Rashidpor.
- **Drawing**, Portraying people for fun and accepting digital designing poster orders from university clubs.
- **Reading books**, History, and science-fiction are my favorites genre. Like a time machine, a portal to past and future.
- **Traveling**, Making, and planning annual trips to the southern island in Iran (Hormoz Island) in winter. I am interested in experiencing new cultures.

References

Reza Bagheri, Professor

Department of Materials Science and Engineering, Sharif University of Technology, Tehran, Iran.

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Gholamreza Pircheraghi, Assistant Professor and Graduate Programs Head

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Rouhollah Tavakoli, Assistant Professor

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