

Curriculum Vitae

Shayan Shahsavari

PERSONAL INFORMATION

Contact: Ahmadi Roushan Dormitory, Tehran, Iran

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EDUCATION

- | | |
|---------------------|---|
| 2013-Present | Minor degree in Chemistry
Sharif University of Technology, Tehran, Iran |
| 2012-Present | B.Sc. student in Chemical Engineering
Sharif University of Technology, Tehran, Iran |
| 2008-2012 | Diploma in math and physics discipline,
Aboo-reihan High School, Azna, Iran
GPA: 19.86/20 |

HONORS AND AWARDS

- One of the **outstanding students** in 14th National excellent s & inventor students festival, 2011
- **Semifinalist** in Iran National Olympiads: chemistry, 2011
- **Ranked 10th** among about 16000 students in first round of NanoScience & Technology Olympiad, 2012
- **Bronze Medal** in Iran National Olympiads: NanoScience & Technology, 2012
- **Being accepted** for straight PhD admission in Physics, Interview at Institute for Advanced Studies for Basic Sciences, Zanjan. Iran, 2012
- **11th Place** among B.Sc students in the 3rd National Nano Technology Competition, 2013
- **2nd Place** among B.Sc Students in the 4th National Nano Technology Competition , 2014
- Awarded as **privileged student** in the 11th Sharif Stars Ceremony, 2014

RESEARCH INTERESTS

- Medical Biotechnology
- Medical Engineering
- Tissue Engineering
- BioMaterial
- Plasmonic

TEACHING EXPERIENCES

- Teacher Assistant, Molecular Dynamic Simulation, Summer 2013, Instructor: Dr. Fathi Zadeh.
- Teacher, Chemistry & NanoScience & Technology Olympiads, Highschools of Tehran,Iran

RESEARCH EXPERIENCES

- Institute for NanoScience & Technology, Sharif University of Technology ,Tehran Research Assistant, “ Study of Plasmonic Effect on the evaporation of water ”, March2013-present , Instructor: Dr.Ahadian
- CNAM Research Lab, Sharif University of Technology ,Tehran Research Assistant , ”Interaction of Polymers and Proteins “March2013-present , Instructor: Prof.Simchi

COMPUTER AND PROGRAMMING SKILLS

- PASCAL programming
- SolidWorks
- LAMMPS, VMD
- Microsoft Office (Excel, Word, PowerPoint)

PUBLICATIOIS

- Amirali Nojoomi, Marjan Abdolrahim, Shayan Shahsavari, Abdol Reza Simchi, Hamid Reza Madaah Hosseini“ A Novel Nano-hybrid BSA Conjugated Poly-(ethylene oxide) System as an Advanced Gene TransfectionAgent” ICNS5 , Kish, Iran .Poster Presentation

INTERESTS AND HOBBIES

- Interested in Calligraphy
- Science: Chemistry & Nanoscience
- Literature: Persian poetry
- Interested in Traditional Music of Iran

WORKING EXPERIENCES

- Manager of Pishgaman Sharif Scientific Group , Pasteur Institute of Iran.