



Name: **Saghar Mohebbi Zanganeh**
Nationality: **Iranian**
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Personal Profile Statement

I introduce myself as an ambitious person who has tried to do her best in all aspects of her life. In my academic and professional journey, not only am I recognized as a committed chemist researcher who has conducted many university and industrial projects successfully, but also a resourceful manager who maintained his family business well and made a high profit. Now, I find myself eager to gain new horizons by experiencing an international work environment. I believe that my academic background as well as work experience make me a perfect candidate for the position you are looking for.

Achievements

- Synthesis of a biopolymer as an effective drug delivery to treat Acne. The result of my research was submitted to an ISI journal to publish (2023)
 - **Saghar Mohebbi Zanganeh**, Kambiz Tahvildari, Maryam Nozari, "Preparation and characterization of Chitosan-Alginate biopolymer loaded by clindamycin phosphate as an effective drug delivery system for the treatment of Acne", (2023), Polymer Bulletin, **Under Review**.
- Collaboration in the authoring of a book. (2018)
Title: Diesel Biology (Authors: Professor Kambiz Tahvildari, Dr. Maryam Nouzari)
- With proper management and decisive decisions, I could turn our small family business into a large and successful catering. (2014-2023)

Work experience

- **Aria Shimi Company, Laboratory expert and Researcher in the R&D department (2017- Present)**
 - Synthesis of nanoparticles and nanocomposite
 - Synthesis of biopolymers for drug delivery purposes
 - Synthesis of Biodegradable Polymers
 - Analysis of chemical samples
 - Supervising graduate and undergraduate students
 - **Water quality control** (Before and After treatment by synthesized nanoparticles, BOD, COD, Colour, Turbidity, pH, Total Hardness, Iron Total, ...)
- **Golden Lock store (Construction Development), Accountant, (2013-2014)**
 - checking the accuracy of all money transactions
 - advise my employer on financial decisions, taxes, and other money-related issues
 - preparing financial reports weekly
- **Family Catering Management, (2014-2023)**
 - delegating tasks to my employees
 - Managing the counting sector
 - Managing the advertising sector
 - Anticipation and management of possible crises

- **Islamic Azad University, North Tehran Branch, Teaching assistantship, (2014-2016)**

- Applied Chemistry
- General Chemistry I&II
- Laboratory skills

Education:

M.SC. (Applied Chemistry) Islamic Azad University, North Tehran Branch (2016-2017)

GPA: 15.71 from 20

Thesis title: Preparation of Chitosan Nano Composite – Starch Film and Study Physical Properties

Supervisor: Professor Kambiz Tahvildari

B.SC. (Applied Chemistry) Islamic Azad University, Arak Branch (2013-2016)

Thesis title: synthesis of laundry detergent

Supervisor: Professor Hossein Malek Hosseini

Instrument skills:

- **Laboratory Skills:** CV, EIS, LSV, UV-Vis spectrophotometry, NMR spectroscopy, FT-IR and Raman spectroscopy, Atomic Absorption spectroscopy, XRD, TGA, SEM, AFM, GC, HPLC
- **Software and programming:** ICDL, Chem Draw, MATLAB, HOLOO (for accounting)

Language skills:

Persian- Native language

English: Fluent

Other skills:

- Cooking Iranian and international dishes
- Making Iranian and international deserts with professional decoration
- Making finger food and snacks

References

- **Professor Kambiz Tahvildari**, Associate Professor, Faculty of Chemistry, Islamic Azad University North Tehran Branch, K_tahvildari@iau-tnb.ac.ir.
- **Professor Fereshteh Motiee**, Associate professor, Faculty of Chemistry, Islamic Azad University – North Tehran Branch, m_motiee@iau-tnb.ac.ir.
- **Professor Morteza Khosravi**, Associate Professor, Faculty of Chemistry, Islamic Azad University North Tehran Branch, m_khosravi@iau-tnb.ac.ir.