Ilaha Khanmammadli

ikhanmammadli@khazar.org

Baku, Azerbaijan | 04/08/2003

Profile

A hardworking and adaptable individual with experience in teaching physics and a passion for learning. Capable of simplifying complex topics, working effectively in different environments, and quickly acquiring new skills. Enjoys collaborating with others, solving problems, and contributing to a positive atmosphere. Currently pursuing a Master's degree in Nanoparticles Physics to expand knowledge and explore new areas in science. Committed to self-improvement and helping others achieve their potential.

Education

Master's degree in Nanoparticles Physics, *Baku State University*
09/2024 – present | Baku, Azerbaijan

Bachelor's degree in Physics teacher, *Khazar University*
09/2020 – 07/2024 | Baku, Azerbaijan

Languages

English — Proficient

Turkish — Native/Bilingual

Azerbaijani — Native/Bilingual

German — Basic

Work Experience

Physics teacher, *School Nº 195*
09/2024 – 04/2024 | Baku, Azerbaijan
- Conducting physics lessons for 7th, 8th, and 9th grades, combining theoretical and practical approaches.
- Simplifying complex scientific concepts to enhance students' understanding and engagement.
- Evaluating student performance and providing constructive feedback for improvement.
- Participating in training sessions for curriculum development and innovative teaching techniques.

Physics Teacher (Intern), *World School*
10/2023 – 05/2024 | Baku, Azerbaijan
- Observation and Reporting: The teacher's lesson planning, classroom management, and interaction with students were observed. Reports were written, and ideas on how similar situations would be handled were included.
- Teaching Practice: Conducted lessons independently, applying learned skills throughout the internship.
- Final Presentation: A summary of the internship experience was prepared and presented at the end of the internship.

Department assistant, *Khazar University*
11/2025 – Present | Baku, Azerbaijan

Skills

- Microsoft Office Suite
- Problem-solving abilities
- Communication skills
- Team work
- Leadership experience
- Time management
- Organizational skills
- Quick learning ability
- Graph preparation and analysis using OriginLab software

Technical skills

- Synthesis of graphene oxide (GO) using the modified Hummers method
- Synthesis of silver (Ag) nanoparticles and nanowires
- Fabrication of PVA/GO/Ag nanocomposites (NNs)
- Fabrication of PVA/GO/Ag nanowires (NWs)
- Dielectric spectroscopy data processing and interpretation
- X-ray diffraction (XRD) analysis, data processing and interpretation