

# AYTEKIN AGAYEVA

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## EDUCATION

**Baku State University**

**Baku, Azerbaijan**

**Bachelor, Physics**

**GPA:3.9/4.0**

- **Selected coursework:** Mechanics, Mathematical analysis, Analytical geometry and higher algebra, Molecular physics, Electricity and Magnetism, Differential and integral equations, Optics, theory of functions of complex variables, Classical mechanics, Computer methods in physics, Probability theory and mathematical statistics, Chemistry, Atomic physics, Radio physics, Mathematical physics methods, Electrodynamics, Astronomy, Nuclear physics, Quantum mechanics, Structure of matter, Molecular physics, Statistical physics and thermodynamics, Physics teaching methods, Teaching experience, Semiconductor physics, Elementary particle physics, Physical electronics, Solid state physics, Quantum electronics, Astrophysics

**Azerbaijan Pedagogical University**

**Baku, Azerbaijan**

**Master, Physics of semiconductors**

- **Selected coursework:** Higher school pedagogy, Psychology, English, Computer technology in science and education, History of physical science, Modern problems of semiconductor physics, Material structure, technology of semiconductor materials and devices, Kinetic phenomena in semiconductors, Theory of semiconductors, Crystallography and zone structure in semiconductors, Optical and photoelectric properties in semiconductors, Material and device parameters, Nanotechnology, Semiconductor converters, Semiconductor communication channels.

**ADA University**

**Baku, Azerbaijan**

**Master of Art Teaching and Learning**

- **Selected coursework:** Inquiry, Curriculum and Assessment, Educational Psychology, Foundations of Effective Teaching and Learning, ICT.

**Institute of Inorganic Chemistry and Catalysis**

**Azerbaijan, Baku,**

**PhD**

**May 2021**

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## EXPERIENCE

**Secondary School**

**5 Years**

**Physics Teacher**

As a physics teacher, I am responsible for teaching students the laws of physics in a very understandable way. I am also responsible for preparing engaging sessions that interest students in Physics. I have to qualify and supervise laboratory sessions according to grade levels. I also have to prepare the course materials according to the syllabus. In addition, I also maintain the student's grades and attendance.

**Institute of Inorganic Chemistry and Catalysis**

**Higher Education Physics Teacher**

**October 2021-Till now**

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## ACTIVITIES & AWARDS

**2022 – ADA University**

Certificate of Completion Pre-degree Research Capacity Building workshop on Research Methods and Academic Writing

**Duolingo certificate 105 score ( English )**

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## **ADDITIONAL INFORMATION**

**Languages:** Azerbaijani (native); English (fluent); Turkish (fluent); Russian (basic)

**Technical Skills:** Proficiency in Microsoft Office Suite – Word, PowerPoint, Excel; and Data Mining (beginner)