

ALI YOUSSEF

Physicist

CONTACT

Phone: 07807353371

E-Mail: ali.yousef.phy@gmail.com

Address: Diwaniyah,Iraq

EDUCATION

Al-Qadisiyah University
Bachelor of Physics
2016-2020

Tabriz University
MSc of Nano Physics
2022-2024

SKILLS

I have proficiency in the following software programs:

- COMSOL Multiphysics
- OriginLab
- Microsoft Word, PowerPoint and Excel

LANGUAGES

- **Arabic**
- **English**
- **Persian**

ABOUT ME

I am passionate about teaching physics and continuously developing my skills and knowledge in the field. I have honed my skills and possess a solid understanding of various physics disciplines.

EXPERIENCE

physics teacher

- Taught physics in Al-Khwarizmi tutoring institute to third intermediate and fifth preparatory students.
- Designed lesson plans and delivered engaging lectures to simplify complex concepts.

Research Interests

During my master's studies, I developed a strong interest in optical sensors, particularly plasmonic sensors. My work during this period focused on the development and simulation of a biosensor based on the Surface Plasmon Resonance (SPR) phenomenon. After graduation, I began working on more sensitive sensors, such as fiber optic sensors and sensors utilizing the Localized Surface Plasmon Resonance (LSPR) phenomenon.