



# Fatemeh Ghanbari

## Research Assistant in Biomedical Engineering

Tehran, Iran

09933235614 . f.2ogho2@gmail.com

### Skills

Proteus

PSPICE

MATLAB

Python

C++

LabVIEW

Simulink

Arduino

KEILMDK

Arduino IDE

STM32 Cube MX

Dread Capture

Microsoft Office

Familiar with WordPress

Creative Problem

Project Management

Creative Problem Solving

### Profile

Dynamic and experienced Research Assistant in Biomedical Engineering with a Master's Degree and a Bioelectric concentration. Skilled in Creative Problem Solving, MATLAB, Python, labVIEW, Simulink, and a range of other technical tools. Demonstrated success in leading research projects and achieving top rankings in competitions. Proven ability in collaborating with teams and developing innovative solutions. Excited to contribute my expertise to cutting-edge research in the biomedical engineering field.

### Employment History

#### Teaching Assistant (TA) for Medical Equipment, University of Shahed, Faculty of Engineering

February 2024 — July 2024

As a Teaching Assistant (TA) for Medical Equipment at the University of Shahed, Faculty of Engineering, I provided support to students and professors in understanding and utilizing various medical equipment. This role involved assisting in practical sessions, conducting demonstrations, and providing guidance on the proper use and maintenance of medical devices.

- Supported students in understanding and utilizing various medical equipment.
- Assisted in practical sessions and conducted demonstrations.
- Provided guidance on the proper use and maintenance of medical devices.

#### Internship. Medical Equipment. Haft Hospital

June 2023 — October 2023

During my internship at Nati Hospital, I gained practical experience in working with a variety of medical equipment. I had the opportunity to observe and participate in the maintenance, calibration, and troubleshooting of medical devices under the guidance of experienced professionals. This experience enhanced my understanding of the practical application of biomedical engineering principles in a clinical setting.

- Gained practical experience in working with a variety of medical equipment.
- Observed and participated in the maintenance, calibration, and troubleshooting of medical devices.
- Enhanced understanding of the practical application of biomedical engineering principles in a clinical setting.

**Typist and Researcher, Industrial Subsidence Project, Sharif University of Technology**

## Education

**Master's Degree in Biomedical Engineering (Bioelectric Concentration), University of Shahed**

September 2020 — September 2024

**Master's Degree in Biomedical Engineering (currently studying), University of Shafteed**

September 2024