

# Mohammadreza Ghaderinia

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## EDUCATION

**M.Sc. :** **University Of Tehran** , Tehran , IRAN  
M.Sc. in Electronics Engineering -09.2018- Current

**B.Sc. :** **Shahid Beheshti University**, Tehran , IRAN  
B.Sc. in Electrical Engineering - Electronics, 09.2013 - 12.2017  
Dissertation: “Optical Oscillators.”

**Diploma:** **Mahdiyon High school**, Tehran, IRAN  
Diploma in Mathematics & Physics, 09.2009- 03.2013

## CERTIFICATES

- IoT Course, Stanford Online Courses
- Network+, Mojtamae Fanni Tehran
- AVR Basics, Shahid Beheshti University

## B. Sc. RESEARCH EXPERIENCE

- Photonic Crystals , Optical Oscillators (B.Sc. Thesis).  
**Thesis advisor : Dr.Kmbiz Abedi**
- Intelligent Transportation Systems (ITS)  
**Advisor: Dr.Ali Jalali**
- Electronics Measurements  
**Advisor: Dr.Babak Mazloun Nezhad**

## B. Sc.

## PROJECTS

- Design and fabrication of RFID Attendance Device using AVR MicroController
- Design, simulate and fabrication of a bandpass filter
- Fabrication of an audio power amplifier.
- ...



**RESEARCH INTERESTS** Biosensors, Biomedical circuits and systems, MEMS Technology, semiconductor device fabrication technologies, Analog design and fabrication and IoT.

**LANGUAGES** **Persian:** Native Language.  
**English:** Upper Intermediate Skills.

**COMPUTER SKILLS** **Programming:** C.  
**Applications:** Microsoft Office, Pspice , Hspice, ADS , Altium Designer , Proteus, ISE , ...  
**Platforms:** Windows.

**ABOUT ME** My best features are trying to do my responsibilities as best as possible and also fast learning. I am so flexible and interested in teamwork and prefer to be in challenging situations that require creativity and innovation to make things better. I always seek to achieve a high standard in whatever work I undertake and believed in mutual respect all the time.

#### **REFERENCES**

##### **Dr. Ali Jalali**

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Tehran, IRAN  
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##### **Dr. Kambiz Abedi**

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