

# Nima Aalizadeh

Biomedical Engineer

Ardabil

Iran

T: +98 (0) 9125984210

E: Nima.aalizadeh7@gmail.com

## Education

- 2014-2017      **Master of Science**, *Islamic Azad University (Tabriz)*, Iran, Advisor: Dr Siamak Hagipour.  
Prediction of Chaotic Time Series Based on Wavelet Transform and Multiple Models Fusion.
- 2011-2014      **Bachelor of Science**, *Islamic Azad University (Ardabil)*, Iran, Advisor: Dr Houshang Rouhi  
Modeling and Fabrication of Current Amplifier Circuit.

## Work Experience

- 2021-2022.      Technical Expert of Laboratory Equipment, Toba Negin
- Gel doc
  - Real Time PCR
  - PCR
  - Centrifuge
  - Nanodrop
  - Spectrometer
  - Microscope
  - Cell Counter
  - Auto Analyzer
- 2015-2020      **Design and Implementation of Computer Networks**, Roshan sanaat
- Network Designing
  - Programming

## Research Interests

- Modeling

- Biomedical Equipment Fabrication/Repairing
- Programming

## Honors

- Rank 1/10 of PLC Course (Eamentablo, Iran).
- Top 100 Researchers in Biomedical Engineering (Ardabil).

## Academic Experience

- Project Engineer**, Roshan Sanaat, 2014-2017.
- Research Collaborator**, Islamic Azad University (Tabriz), Iran, 2015-2016.
- Teaching Assistant**, Islamic Azad University (Tabriz), Programming, 2014-2016.
- Teaching Assistant**, Islamic Azad University (Ardabil), Logic Circuit, 2011-2013.

## Academic Project

- Project Engineer**, Detecting Brain Lesion using CNN, 2019-2020.
- Project Engineer**, Infection Disease Detection and Diagnosis Using Thermal Camera, 2018-2019
- Project Engineer**, Alzheimer Detection Using CNN, 2017-2018.
- Project Engineer**, Detecting Eye Blood Vessels Using CNN, 2017-2018.

## Relevant Courses

- PLC (A+)
- Programming (A)
- Electronic Resources (A+)
- Computer Networks (Micronet Company, Taiwan) (A+).
- Video Analytic (Aimetis Company, Canada) (A+).
- MBA (Tehran University, A)

## Software Skills

Programming    MATLAB, JavaScript, Solidity, Typescript  
Analytical        Simulink

## References

- Dr. Siamak Haghypour, Associate Professor, Islamic Azad University, [Haghypour@iaut.ac.ir](mailto:Haghypour@iaut.ac.ir).

- Dr. Houshang Rouhi, Associate Professor, Islamic Azad University, [H.rohi@iauardabil.ac.ir](mailto:H.rohi@iauardabil.ac.ir).