


# AZIN KATIRAEI

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 No 237, Dana Insurance building, In front of Quri Park, Pasdaran Blvd, Shiraz, Iran.

## EDUCATION

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**Bachelor in Computer Engineering, University of Fasa**

2016 – 2020

**Thesis title:** Internet of Things and its usage in the field of health

**Overall GPA:** 15.54/20.00 (140 credits)

(GPA of the students admitted in the same year and same field of study: 13.61/20.00)

*last two year of study :3.00 out of 4.00*

### Continuing Education

*I have completed 4 courses of Python for Everybody Specialisation by University of Michigan, Machine Learning by Stanford university, and Deep Learning Specialization by DeepLearning.AI in **Coursera**.*

## RESEARCH INTERESTS

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Artificial Intelligence

Machine Learning

Computer Vision

Data Mining

Data Science

Software Engineering

## HONORS AND AWARDS

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Ranked 4<sup>th</sup> Among 35 (Top 10%) admitted Students of computer engineering at  
University of Fasa

## NOTABLE COURSES

Basics of Computer and Programming	20.00/20.00	Software Engineering	20.00/20.00	Network Lab	20.00/20.00
Fundamentals of Computational Intelligence	20.00/20.00	Bachelor Project	19.00/20.00	Machine vision	20.00/20.00
Principles of Robotics	17.00/20.00	Basics of language and speech processing	18.00/20.00	Engineering Probability and Statistics	17.00/20.00
Internet Engineering	17.00/20.00	operating system Lab	17.75/20.00	Computer Lab	18.00/20.00
Engineering Economics	18.00/20.00	Matlab Lab	17.5/20.00	Physics lab	18.75/20.00

## TEACHING EXPERIENCE

**Basics of language and speech processing**

Winter 2020

Dr. Gh. Ghafari

**Fundamentals of Computational Intelligence**

Fall 2019

Dr. Gh. Ghafari

## PRACTICAL EXPERIENCES

**Computer engineer in Asia insurance company**

2020 - Present

Main duties and responsibilities are as follows:

- Programming softwares
- Maintaining and Troubleshooting of Systems
- Developing new ideas and testing
- Web-development (Front-end)

**Summer intern in Bestrah Company:**

Jul 2019-Sep 2019

In this internship, I have acquired knowledge of web designing.

**Attending in 2-day virtual course: Data Visualization in Python, which was held by Female Tech Leaders (FTL) (Europe's fastest growing organization)**

6 Nov. & 13 Nov 2021

In these two days helped me to be familiar with Data visualization basics  
Python libraries, Correlation, Clusters and more.

**Attending in Webinar on Introduction to Artificial Intelligence, Data science and MLOps** 7 Nov. 2021  
(Cloudxlab website)

## NOTABLE PROJECTS

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### Software Engineering Project

2019

- I considered an abstract online shopping website and explained its use cases and designed its different diagrams.  
*Under the supervision of Dr. H. Hasani*

### Final bachelor's project

2020

- Internet of Things and its usage in the field of health, in this article I analysed the reasons why we use Cloud computing in IOT, the benefits of Cloud computing. In addition, I suggest that by using IOT in health field we will considerable positive result, such as to reduce medical costs and mortality, to help the doctor diagnose in a timely manner, IoT patient monitoring system.  
*Under the supervision of Dr. L. Khalvati*

## TECHNICAL SKILLS

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### Programming Language

C#, C++, Python, VHDL, Prolog, JavaScript, HTML4, CSS3  
Familiar with Matlab and Octave

### Operating System

Linux, Windows

### Application and Tools

JetBrains, Jupyter Notebook, Atom, VS code  
Familiar with SQL, Git, Bootstrap4, SASS

## LANGUAGE PROFICIENCY

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**Farsi(Persian)** Native

**English** CEFR Level C1

IELTS: **7** (Reading: **6**, Listening: **7.5**, Speaking: **7.5**, Writing: **6.5**)