



Ali Farahbod

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Personal Information

Marital status: Married
Nationality: Iranian
Date of Birth: 1978
Place of Birth: Mashhad, Iran

Education

1997 EmamReza High school in Mashhad, Iran.
High School Diploma

2001 Bahonar University in Kerman, Iran
BS. in Mechanical Engineering

- Achieving Number One nominee Student in the university
- Obtaining The appreciation letter from head of university in conducting fair and seminars

2003 Ferdowsi University in Mashhad, Iran
MS. in Mechanical Engineering

2016 Ferdowsi University in Mashhad, Iran
MS. in Information Technology Management

Interests and activities

Study and research in robotic subjects, Involve in most Electrical, Mechanical and Computer Subject.
New Programming Platform and technologies.

Languages English and Persian

Work experience

1998-2000 Secretary of the Mechanical Engineering Student Scientific Association for two years. Has several letters of appreciation from the President of the University.

2000 Designer and host of the first specialized exhibition of mechanical engineering in Kerman

2002 Responsible for the sessions of the 11th International Conference on Mechanical Engineering hosted by Ferdowsi University of Mashhad

2002-2021 Launching "**Asa System**" business in the field of software design and production with "**AAC**" brand.

2004-2021 Establishing "**Azin**" Company specialize in Computer Software and hardware, Telecommunication, Robotic and electronic field. (President of Company)

2005-2007 University instructor teaching mechanical courses(part time)

2007-2019 Director of **Azin Heat and Fluids Research Group** (License from the Ministry of Science, Research and Technology, No:2216990)

2016 Advisor to the *CEO of Razavi Hospital* in Mashhad in three areas: management, IT and telecommunications

Achieving third position in Ferdowsi research seminar (fifth year)

Volunteer experience

Member of Khorasan science and technology park

Vice president of Shargh Automation Co.

Member of Computer Guild System Organization of Khorasan Razavi Province.

Hobbies

Sports: Tennis, Swimming

Music: Playing Piano, Traditional Music

Traveling

References	<p>Computer Guild System Organization of Khorasan Razavi Province</p> <p>Bahonar University, Kerman, Iran</p> <p>Ferdowsi University, Mashhad, Iran</p> <p>KSTP (Khorasan science and technology park) Mashhad, Iran</p>
Summary of qualifications	<ul style="list-style-type: none"> • Consulting and programming for running a new business. • Well Experienced for Windows Application Programming. • Producing of telecommunication hardware. • Ability of teaching professional experience software such as: Maple, Fluent, Ansys, AutoCAD, Working Model, Matlab, Mechanical Desktop, Microsoft Office. • .Net WEB programming base on PWA technology. • Native Android programming. • IOS programming. • Good SQL Server knowledge. • Working on Image Processing Models (Object Recognition). • HMI and PLC Siemens programming. Complete mechanization of industrial factories.
Community activities	<p>1978 Student Scientific Committee Organizer Kerman, Iran.</p>
Professional memberships	<p>Member of Computer Guild System Organization of Khorasan Razavi Province.</p>
Accreditations and licenses	<p>Licenses of passing hydraulic course.</p>

Patents and publications

Licenses of business plan designing.

Achieving the license activities in the following fields:

- Producing Telecommunication Equipment
- Consultation in technical and engineering services
- Research and development in mechanical subjects

Exclusive holder of six windows software (patent owner)

Write, present and publishing of four mechanical subject papers

- *Investigation of entropy generation in heat transfer on a flat plate, Proceedings of the 10th Annual International Conference on Mechanical Engineering, 2002*
- *Decomposition and replacement of solar and wind energy in a part of Emerald factory, Proceedings of the Second Conference on Fuel Consumption Optimization in Buildings, 2002*
- *Assessment of combustion modeling for prediction of turbulent non-premixed flames, Proceedings of the 11th Annual International Conference on Mechanical Engineering, 2003*
- *Dimensional effect of a rectangle on the Stockholm number and its effect on excitation of heat transfer coefficient from the adjacent flat plate, Esteghlal Scientific Journal, Year 27, Issue 1, 2008*

Write, present and publishing of one Information technology subject papers

- *The effect of intelligent private sector transportation services system on increasing the satisfaction of its stakeholders, First International Conference and Third National Conference on Management Research and Humanities, 2017*

Awards received

Receiving Three Governor Awards In Khorasan State.

Achieving the first ranking position of technical and engineering company in state of Khorasan.

Achieving the first ranking position of Employment provider in state of Khorasan.

Windows Software Production

- Execution of sales project, loading; Wages and... for use in factories (Using QBASIC programming language under DOS operating system)
- Calculate the thermal load of the building
- Calculation of flame level in the combustion chamber ordered by Iran Khodro Motor Research Company by presenting a software
- Running "Hotel management software" for the first time in Iran on windows 3.1
- Analyzing of solar chimney power plant
- Analyzing and calculation of turbine blades.
- Computer-aided image processing (ability to recognize handwritten numbers)
- Energy audit of eight industrial factories in Mashhad
- Image processing software that can recognize motion images
- Fingerprint recognition project for security purposes
- AAC Hotel management software
- AAC Apartment Hotel software
- AAC Accommodation unit software

AAC hotel management software and AAC Apartment Hotel software and AAC Accommodation unit software have been installed in more than 2000 units so far.

It has also been installed in Iraq, Syria, Turkey, Afghanistan and

Telecommunication software projects

Armenia

- AAC Restaurant management software

So far, it has been installed in more than 2000 Restaurant, coffee shop, fast-food, Catering

- AAC Sales accounting (POS) software

So far, it has been installed in more than 1000 stores

- AAC Financial accounting software
- AAC Treasury software
- AAC Warehouse management software
- AAC Taxi service software

So far, it has been installed in more than 1000 Company

- AAC Property management software
- AAC Order registration software
- AAC Courier management software
- AAC Preparation of products management software
- AAC Packaging management software
- AAC Customer-honoring Management software
- AAC Conference Management Software
- AAC Remote image control software for IP Camera
- AAC Code pager software

- Design and programming of AAC telephone answering software with modem
- AAC Self-Calling and Speaking phone(registered in the High Informatics Council)

Mobile Application

- AAC Telephone internal control software for Panasonic PBX
- AAC Account Code software for Panasonic PBX
- AAC Phone call recording and playback software
- AAC IVR software for Dialogic hardware
- Design and programming of software for controlling telephone calls for hardware devices (registered in the High Informatics Council)
- Providing AAC call control software and communication with telephone exchange device (registered in the High Informatics Council)
- Design and construction of software and hardware for controlling and managing AAC telephone calls (selected by Ferdowsi Festival)

Android application :

- AAC Online Taxi Request that possibility of requesting taxis, couriers, vans, etc. online
- AAC Taxi drivers application
- AAC Food ordering application (ordering food through the application or site of the desired restaurants)
- AAC Hotel-Motel application (search and view of accommodation units such as hotels, apartment hotels, etc. in relation to the user's location and view the empty capacity of the accommodation unit online)
- AAC Dispatching management program
- AAC Urban taxi line inspection program
- AAC Driver monitoring program for management
- AAC Service staff program
- AAC Customer Service order program

	<p>IOS application:</p> <ul style="list-style-type: none"> • AAC Service staff program • AAC Customer Service order program • AAC Online Taxi Request that possibility of requesting taxis, couriers, vans, etc. online • AAC Hotel-Motel application
Hardware products	<ul style="list-style-type: none"> • Design and manufacture of call control hardware • Design and manufacture of telephone call recording and broadcasting hardware (selected design of Ferdowsi Festival) • Design and manufacture of IVR hardware • Design and manufacture of speaker phone hardware • Design and manufacture of fingerprint recording device • Design and construction of a language laboratory • DTMF, FSK devices one, two, four and eight lines • Ordinary and waterproof keyboards • Contactless personnel attendance hardware with RFID technology
Web-based systems and projects	<ul style="list-style-type: none"> • Online AAC intelligent transportation system <i>So far, it has been used in more than 200 cities in Iran</i> • System for collecting information of passengers of all accommodation units in the country • Management system for issuing ceremony licenses in halls

across the country

- Comprehensive parking management system
- School service system (school service management system in five levels of education, school, companies, services and students)
- Management system and control of taxi lines in the city
- AAC Financial Accounting System
- AAC Shopping system
- AAC Online Hotel reservation system
- AAC Hotel management system (reception, reservation, cash register, housekeeping, restaurant, coffee shop, laundry, shop, sports complex, treasury, etc.)
- AAC Food Ordering system
- AAC Service staff portals
- AAC Customer service order portals