

# SARVENAZ MAHMOUDZADEH

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Female, Born in 22/09/1991



## OBJECTIVE

To obtain a full-time position related to my career



## PERSONAL PROFILE

I would like to continue my career to gain knowledge and more experience, receiving a complete picture of all aspects and being able to adapt and modify theoretical constructs as required in order to meet worldwide standards. I have always been trying to gather fresh data related to my interests and job position, be fast learning and have good working attitude. I have a very good sense of target, fully dedicated in team and help others to achieve success.

As a Developer I am motivated and have an interest in entrepreneurship. I have a remarkable ability in programing and developing applications and have experience in team building and software development.



## EDUCATION

**MSc, Computer Science-Intelligent Systems | Allameh Tabataba'i University of Tehran, Iran**

2016 – 2018

**Thesis subject:** Deep Learning with Convolutional Neural Networks for EEG Decoding

**Supervisor:** Dr. Mohammadreza Asghari Oskoei

**Email:** oskoei@atu.ac.ir

**GPA:** 4.0/4.0

**BSc, Computer Science-Computer Science | Shahid Beheshti University of Tehran (National University of Iran), Tehran, Iran**

2009 – 2013

**Thesis subject:** Analysis of Mineral Stones Magnetic Effects on Human Brain Waves

**Supervisor:** Dr. Maryam Tahmasbi

**Email:** m\_tahmasbi@sbu.ac.ir

**GPA:** 3.0/4.0

**Diploma, Math & physics | Reyhaneh Alrasoul, Tehran, Iran**

2006 – 2009

**GPA: 4.0/4.0**



## **EMPLOYMENT**

**Senior Software Developer | Abzar Andisheh Company**

2020, OCTOBER – 2022, MAY

**Location:** Parand, Tehran, Iran

### **Responsibilities:**

- Implementing forms with specific details and databases
- Developing android and react native applications based on online shopping and price analysis
- Implementing UI with specific details and various animations

### **Experiences:**

- Working on AbzarPlus as a online shopping application based on car parts and other applications based on price analysis like Caraco

**Senior Android Developer | Tehran University of Science and Technology Park**

2019, FEBRUARY – 2020, SEPTEMBER

**Location:** Tehran University of Science and Technology Park, Tehran, Iran

### **Responsibilities:**

- Collaborating and coding server side in applications with XML interfaces
- Implementing UI with specific details and various animations
- Implementing Mega Application in android
- Developing android application using the clean architecture

### **Experiences:**

- Working on different application based on vary technologies with specific user interface designing like Rahatdaroo and Avin VoIP Call and Chat application in Innovation part of Tehran University of Science and Technology Park

**Senior Android Developer | Respina Networks & Beyond Company**

2018, FEBRUARY – 2018, AUGUST

**Location:** Respina Networks & Beyond Company, Tehran, Iran

### **Responsibilities:**

- Finding and recognizing Ord devices with UUID trough application, pairing device automatically then sending and receiving data between application and device
- Implementing UI with specific details and various animations
- Implementing VoIP sip call in android and Checking out mobile based WebRTC
- Developing android application using the clean architecture

### Experiences:

- Working on supermarket application based on IoT technologies with specific user interface designing in Innovation department at Respina Networks & Beyond Company
- Working on VoIP sip call application with clean architecture in development and research department at Respina Networks & Beyond Company

### Senior Android Developer | Amn Gostaran Sharif Company

2017, MAY – 2018, JANUARY

**Location:** Amn Gostaran Sharif Company., Tehran, Iran

### Responsibilities:

- Collaborating and coding server side in applications with XML interfaces
- Writing algorithms for methods and application performance enhancement

### Experiences:

Working on Isfahan province weather condition application

Managing and coding Khadem client application with multiple services in compressed delivery time

### Android Developer | TookanTech Company

2016, OCTOBER – 2017, MAY

**Location:** TookanTech Company., Tehran, Iran

### Responsibilities:

- Researching and finding appropriate libraries and methods

### Experiences:

Working on catalogue application change simultaneously in English and Persian languages, RTL and LTR directions



## PROFESSIONAL MEMBERSHIPS

Founding member of “AKO smart technologies group”, a technology-based start-up working on smart health-care solutions especially non-invasive glucose monitoring

### CEO and Co-Founder of a Startup Team | AKO Smart Technologies Group

2015, DECEMBER – 2020, JUNE

**Location:** Jalal-e-Al-e-Ahmad Highway, Endocrinology and Metabolism Research Institute of Tehran University of Medical Science, Tehran, Iran

### Responsibilities:

- Applications and web(back-end and front-end) developing
- Presenting in English and Persian
- Cooperating to Electronics and software departments



## JOB INTERESTS

1. Coder
2. Researcher
3. A member of technical team
4. Staff in programing and technology fields



## LANGUAGES

1. Persian/native
2. English/fluent
3. Turkish/intermediate
4. Arabic/upper intermediate



## QUALIFICATIONS

- Degree of Principles of Programming .NET Course in Tehran Institute of Technology, Tehran, Iran, 2014
- Degree of Net Framework Application Development Foundation I Course in Tehran Institute of Technology, Tehran, Iran, 2014
- Degree of Android Programming Course in Jahesh Academy, Tehran, Iran, 2016
- Degree of UI/UX Designing Course in Jahesh Academy, Tehran, Iran, 2016
- Degree of Front End Developing Course in Jahesh Academy, Tehran, Iran, 2016
- Degree of Advanced Android Programming Course in Jahesh Academy, Tehran, Iran, 2016
- Self-discovery course in Rahnama College, Rahnama ICT Company, Tehran, Iran, 2016



## SKILLS

- **OS:**
  1. Windows
  2. Linux (Ubuntu)
  3. Mac OS
- **Programming Language:**
  1. C++, C#
  2. JAVA (Android)
  3. JavaScript (React Native)
  4. Kotlin
  5. XML
  6. HTML, CSS, ES6
  7. Node.js
  8. PHP
  9. Swift (In the learning process)
- **Artificial Intelligence:**
  1. MATLAB
    - Neural networks
    - AI Algorithms
    - Signal Processing
  2. Python
    - Image processing
    - Machine Learning Algorithms
    - Deep neural networks
    - Signal processing

- **Android Programing:**

1. Android SDK
2. Push Notification
3. Material Design
4. MVC
5. MVP
6. MVVM
7. Clean Architecture
8. SOLID
9. Volley
10. Retrofit
11. Okhttp
12. Background services
13. RXJava
14. Dagger
15. SQLite
16. Realm
17. RSA Encryption and Decryption
18. Google APIs

1. GIT
2. Postman
3. Trello
4. Slack
5. Redmine

- **Interpersonal skills:**

1. Positive thinking
2. Self-motivated
3. Flexible in team working and individual work
4. Good communication skills
5. Energetic and agile
6. Fast-learner
7. Well disciplined
8. Presentation and speech

- **Tools:**



## FUNDINGS AND AWARDS

- Received Full Scholarship of Allameh Tabataba'i University of Tehran (MSc), 2016-2018
- Received Full Scholarship of Shahid Beheshti University of Tehran (BSc), 2009-2014
- Selected as Top 70 from all over the world for "Pedestrian Motion Pattern Prediction Using Machine Vision Algorithms" project in French Tech Ticket 2016, Paris, France
- Selected as Top 500 among more than 3000 startup projects from all over the world for "Health monitoring smart watch" in Hello Tomorrow challenge 2016.
- Selected as Top 500 among more than 3000 startup projects from all over the world for "Pedestrian motion pattern understanding in Image sequences" in Hello Tomorrow challenge 2016.
- Selected as Top 500 among more than 3000 startup projects from all over the world for "Sport assistant" in Hello Tomorrow challenge 2016.
- Selected as Top 10 Iranian best startups in Silk-Road startup tour 2017, Kish Island, Iran.
- First place among 15 startups in Rasht, Gilan, Iran in Silk-Road an Iranian startup tour 2017.
- 3rd position in national competition for Green Application (SABA) for "Glass Garden" android game, 2016.
- Selected as top finalist startups at AIM Startup 2018 annual event, Dubai, UAE

- Selected as Top 200 finalist startups among more than 900 startups from all over the world in Sevan Startup Summit, 2018, Sevan, Armenia



## PERSONAL INTERESTS

- Painting
- Basketball
- Traveling
- Cycling
- Running



## RECENT PROJECTS

1. **“A novel method for optical non-invasive blood glucose measurement”, in AKO smart technologies startup team, since 2015**

**Supervisor:** Hamed Ghodsi as CTO of AKO team

**Other team members:** Negin Amiri

**Abstract:** In this method, the tissue is exposed by three different wavelengths (from visible to infrared), which are in the hemoglobin absorption range. Reflected waves from tissue surface are analyzed and after basic processes for noise, optical interferences, and anatomical differences reduction, the first raw data is obtained. This data includes the effect of blood glucose concentration changes on Red Blood Cells and thus absorption and scattering coefficients of blood. It can show blood glucose level with a good accuracy.



## TEACHING

- **Courses**
  1. Teacher Assistant of Computer Systems in Shahid Beheshti University of Tehran, winter 2015
  2. Teacher Assistant of Math Software in Shahid Beheshti University of Tehran, winter 2015



## PUBLICATIONS

- **Conference papers:**  
**“Deep Learning with Convolutional Neural Networks for EEG Decoding” in National Conference on Applied Research in Electrical, Mechanical, Computer and IT Engineering, Iran, 2018**

**Supervisor:** Sarvenaz Mahmoudzadeh

**Other team members:** Dr. Mohammadreza Asghari Oskoei



## REFEREES

1. **Dr. Maryam Tahmasbi**, Shahid Beheshti University of Tehran, Tehran, Iran  
E-Mail: m\_tahmasbi@sbu.ac.ir
2. **Dr. Mohammadreza Asghari Oskoei** Allameh Tabataba'i University of Tehran, Iran  
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