Mahsa Mohammadi

Curriculum Vitae

Tohid Str.
Isfahan, Iran
✆ (+98)-916-299-9433
✉ MMohammadi4820@gmail.com
🖥 mmohammadi4820.github.io

INTERESTS

- Artificial Intelligence, Machine Learning
- Database Design and Analysis
- Data mining

EDUCATION

Oct 2013 – Sep 2017 **BSc in Computer Engineering (Software Engineering)**, *Department of Computer Engineering, University of Isfahan, Isfahan, Iran*.

Sep 2012 – Jun 2013 **BSc in Computer Engineering (Software Engineering)**, *Department of Computer Engineering, Sayyed Jamaleddin Asadabadi University, Hamedan, Iran*.

- ○ Cumulative GPA 14.49/20
- ○ **Thesis Title** : Implementation of Online Store With JDeveloper
- ○ **Supervisor** : Dr. Ahmad Baraani

2009–2013 **Diploma in Mathematics and Physics**, *Safoora Highschool, Isfahan, Iran.*.

- ○ GPA 17.65/20

PUBLICATIONS

[B1] **M.Mohammadi**,M.H.Mohammadi,S.Y.Moradi.*" Comprehensive Databases Training "*. Tehran,Iran.Arna.2021.Publication Medium.

[B2] **M.Mohammadi**,M.H.Mohammadi,S.Y.Moradi.*" Software Engineering Tutorial"*. Tehran,Iran.Arna.2021.Publication Medium.

[B3] M.H.Mohammadi,**M.Mohammadi**,S.Y.Moradi.*" Software Testing Tutorial "*. Tehran,Iran.Arna.2021.Publication Medium.

[B4] M.H.Mohammadi, S.Y.Moradi,**M.Mohammadi**.*" Artificial Intelligence Tutorial "*. Tehran,Iran.Arna.2021.Publication Medium.

HONORS & AWARDS

2012 **Top 1 %**, Nationwide entrance exam of Iranian Universities, very competitive with nearly 500,000 participants.

2012 National Scholarship In bachelor of science for 4 years of study.

2008 **4th Team Rank**, Provincial Launcher Robotic Competition, Isfahan, Iran.
Router and Cameraman Robot I made a robot that it could find black routers designed by an Organizer then shoot things in the way, then I made an electrical circuit for its router then picked up a camera to record the things of routs.

2006 **6th Team Rank**, Provincial Launcher Robotic Competition, Isfahan, Iran.
Thrower Robot: I made a robot that lifted some weights then carried them to another side of the playground, then I used manual control including some electrical circuits and keys to lead the robot anywhere.

WORK EXPERIENCE

Feb 2018- **Junior Programmer - IRISA.CO**, Designed and Analyzed data, *Isfahan, Iran*.
Now In our company, we create forms with oracle-form-builder that belongs to Oracle company. These forms use for recording data in each part of the factory, then we handle functions, procedures, and packages. likewise, we designed reports for managers to find out how they can improve their efficiency.

Jun 2016- **Internship - IRISA.CO**, Oracle form-builder, *Isfahan, Iran*.
Sep 2016

SELECTED PROJECTS

2018 - Now Create form for data recording and reports
Mobarakeh Steel.Co - Arfa.Co - West Asia Steel.Co (WASCO) (FGACO)

Spring 2017 Used clustering method for reducing data with rapidminer
Our project was related to municipal data then we reduced drop data with algorithms like Tree-decision, Bayesian strategy, and K-NN, after those methods I compared all results to show which method was the best one.
Course : *Data mining*

Spring 2017 Designing computer games project: Designing a new game with creating chatroom with socket programming
Creating a chatroom that showed all members to the admin when two members chated together showed all messages to the admin.
Course : *Advanced Programing Language II*

Atum 2016 Designing and implementing a complex relational database
Creating a database for confectionery shops to manage data
Course : *Database*

Spring 2015 Application for candy store: Implementing agile methodology & creating a new app online shopping for candy stores
Implementing an application for confectionery shops to reserve or buy in a new way, we used agile methodology, also, use cases were related to the most famous shops.
Course : *Software Engineering II*

Winter 2015 Application for restaurants: Implementing agile methodology & creating a new app for reservation in restaurant
Implementing an application for restaurants to reserve or buy foods in a new way. We designed use cases according to speak with most of the managers who had special restaurants.
Course : *Software Engineering*

SKILS

Technical JAVA, C,C++ | Oracle JDeveloper, Oracle Database, SQL Server, PL/SQL Developer,
Skills MySQL, HTML, CSS, Wordpress | Ubuntu Linux, Microsoft Windows, WampServer

Tools and Softwares	Rapidminer, Oracle Form & Report builder, Oracle SQL Developer, Oracle Application Development Framework(ADF), Oracle Apex, BI publisher | Netbeans, Pycharm, MS Visual Studio, Dev-CppPortable, Eclipse,Edramax , Microsoft Project, Visual.Paradigm, SmartGit, Axure.RP.Visual.Guide ,MetaEdit+, AppInventor

LANGUAGES

Persian	Mother Tongue
English	Moderate
	- IELTS (Will be taken at May 20th, 2021)

REFERENCES

○ **Dr. Ahmad Baraani**, Professor
Department of ComputerEngineering, *University of Isfahan, Isfahan, Iran*
Phd from University of Wollongong, Wollongong, Australia
Email : ahmadb@eng.ui.ac.ir

○ **Vahid PourAmin**, Professor
Department of ComputerEngineering, *Sayyed Jamaleddin Asadabadi University, Hamedan, Iran*
M.Sc. from Bu-Ali Sina University, Hamedan, Iran
Email : v.pouramin@sjau.ac.ir