Mohammad R. Tayyebi

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Note: some of the organizations and media, also wrote 'Tayyebi' as 'Tayebi' / 'Mohammad' as 'Mohamad' / '..dReza' as '..d Reza' which is also accepted. This document is updated on Feb 13, 2022. Please download the latest version from http://kouy.ir/cv .

Professional Profile

MBA in a top-ten university, bachelor of computer engineering, international competitor, and national gold-medalist, with professional experience in software development and team management. Seriously eager to learn, enjoy artistic problem solving and overcoming challenges with a view of achieving academic and scientific experience and certification. Fully energetic in working in teams and highly skilled in fundamental knowledge and skills of software engineering.

Being among 45 selected students out of 25339 and awarded in the most creditable scientific festival of Iran, known as Khwarizmi, even before attending university. Also taken part in the most popular skill-based competition of the world, WorldSkills, in 2017.

Education

Recommendation letters available at http://kouy.ir/recommendation

Khaje Nasir Toosi University of Technology
M. Sc. Business Administration (MBA)
Oct 2021 – July 2023

Major:
Marketing Management
Note: This is 3 year official university master's course with 48 course units which is different to 1 year summer school MBA certificates.

Course Title	Mark / Out Of
Marketing Management	19.25 / 20
Principles of Organization Behavior and Leadership Management	19 / 20
Accounting for Managers	16 / 20
Human Resources Management	- / 20
Operations Management	- / 20
Financial Management	- / 20
Marketing Strategy	- / 20
Decision Making for Managers	- / 20

Bu-Ali Sina University
B. Sc. Computer Engineering
March 2016 – July 2020

Major:
Information Technology
Final Project:
Implementation of a Web and API framework. / https://tayyebi.github.io/BASU-Final-Project-BSc

Course Title	Mark
Principles of Computer and Programming	20 / 20
Principles of Information Technology	16 / 20
Computer Architecture	16 / 20
Accounting for Managers	20 / 20
Advanced Programming	14.7 / 20
Finite Languages and Automata	15 / 20
Algorithm Design	17 / 20
Engineering Economics	20 / 20
Final Project	20 / 20
Systems Design and Analysis (Software Engineering)	20 / 20

Database Systems	16.1 / 20
Information Technology Projects Management	15.67 / 20
Enterprise Integration	16 / 20
Principles of Secure Computing	17.25 / 20
Electronic Commerce	17 / 20
Principles of Computational Intelligence	19.1 / 20

Madani High School
Diploma and College
September 2013 – August 2018

Major:
Mathematics and Physics
Note: This major is the main choice to carry on higher education in engineering.

Honors and Awards

WorldSkills Ranked as 20th (2017)
Skill: IT – Software Solutions for Business

IranSkills Ranked as 1st and awarded as gold medal (2016)
Skill: IT – Software Solutions for Business
Ministry of Cooperatives, Labour, and Social Welfare

Khwarizmi Youth Award Awarded as 3rd in country (2015)
Field: Computer Science and Engineering
IRI Ministry of Science, Research and Technology; IRI Ministry of Education;
Iranian Research Organization for Science and Technology

Official website: https://kia-kahroba.ir/laureates/project/خدمات-احراز-هویت-مرکزی

Music Awards - 2nd, Hamedan Fajr Festival, with Ayeen Ensemble, Hamedan (2017)
- 1st, National Niayesh Festival, with Ayeen Ensemble, Qazvin (2017)

Professional Experience

Recommendation letters available at http://kouy.ir/recommendation

Back-end Developer (Remote) MrBilit Group

- MrBilit Charter Flights Service
- IranGard.com Product

- Implementation of some programs which allowed service to stay sync and serve up-to-date data to hundred of thousands of human and bot users.
- Participation in code refactoring, API and database development, with multiple programming languages.
- Implementation of RESTful API to handle business logic.
(Jan 2021 to May 2021) / https://mrbilit.com

Project Manager AtiNet Sina Parsian *NDA* (2018 – 2019) / https://atinet.ir

Senior Developer Rayan Electronic Andish Hegmataneh Implementation of GPS back-end, web and mobile front-end (2018 to 2019)

Information Technology Consultant Plompin Sanat IT consultant and development of software solutions required by the factory (2018 – present) / http://en.plompin.com/

Freelance Developer Self-employed - Web Design and Development (since 2012)
- Mobile Applications Programming (since 2018)

Teaching Experience

Certified Instructor, TVTO, since 2015, Contract No. 5243, 96/30_475616/2 .

Bu-Ali Sina University,
Faculty of Engineering and Natural Resources (Tuyserkan)

- Fundamentals of Programmings, Student Scientific Society of Computer Engineering and Information Technology (2019)

Bu-Ali Sina University,
Faculty of Engineering (Hamedan)

- Full-Stack Programming, Summer School, Student Scientific Society of Computer Engineering (2019)

Iran Technical and Vocational Organization, KhajeNasir Institude (Hamedan)

- RESTful Applications Development (2016 to 2018)
- Python Programming (2016 to 2018)
- C# Programming (2016 to 2018)
- Android Developer Training (2016 to 2018)

Volunteer Experience

Founder, Director, and Editor in Cheif Sariab Bloggers

Sariab is a non-profit blogging campaign which is focused on empowering students, increase mental health level, and motivate them, through an integrated knowledge base made on distributed blogs and free content on internet social networks and website platform. / http://sariab.ir/

Skills

Programming Languages C++, C#.NET, PHP, JavaScript, Python, GoLang (basic), Java, Dart (basic)

Web Technologies ASP.NET Core, ASP.NET Web Forms

Desktop Technologies Qt, Windows Forms Applications, Windows Presentation Forms

Mobile Technologies Xamarin, React Native (basic), Java, Kotlin, Flutter (basic)

Database Systems SQL Server, MySQL

NoSQL Database Systems MongoDB (basic)

Algo Trading Pine Script v5

Analyzing and Designing Software Solutions
- Considering all possible options and deriving the best solution based on sound analytical judgment and the client's best interests
- Using system analysis and design methodologies (such as Unified Modelling Language (UML), software framework, and Design Patterns)
- Build data warehouse and required for business intelligence/ executive dashboard
- Proper interface and layering for mobile solution.
- Use Case modelling and analysis (such as Use Case Diagram, Use Case Description, Actor Description, Use Case Package)
- Structural modelling and analysis (such as Object, Class, Domain Class Diagram)
- Dynamic modelling and analysis (such as Sequence Diagram, Collaboration Diagram, State Diagram, Activity Diagram)
- Data modelling tools and techniques (such as Entity Relationship Diagram, Normalization, Data Dictionary)

	- Object design and package
	- Relational or object database design and data flow diagrams
	- Human-computer interface design/user experience
	- Security and controls design
	- Multi-tier application design
Enterprise Software Development	- Accurate and Consistent Version Control (with tools such as Git)
	- Using Microsoft TFS project management tool
	- Using system development methodologies such as object-oriented design
	- Considering normal and abnormal scenarios, and exception handling
	- Following standards: Style Guide, Code Convention, Human Interface Design (UI), Managing Directories and Files
	- Code Refactoring and Analysis
	- Evaluate and integrate appropriate libraries and frameworks into a software solution
Version Control	Git, Microsoft TFS, GitLab
Server Administration	Linux, Windows Server
Team Work	Trello, Process Maker

Speech

Kazan, Russia	IranSkills (WorldSkills Iran) representative expert (2018)
Alborz, Iran	Province representative in first congress of national skills competitors with minister assistant (2016)
Hamedan, Iran	Special speaker as top researcher in session with education system chairmen and teachers (2015)

Conferences and Courses Participated

Online Crash Course on Numerical Astrophysics	Ferdowsi University of Mashhad (This program is aimed to share a taste of numerical simulations with graduate students and postdocs in astronomy, and also advanced graduate students of physics.) / https://www.na2020.onrender.com/
Python Programming for Neuroscience	/ https://www.neurosafari.com/
Enterprise Web Development with ASP.NET	TVTO Standard 0-84/27/1/12 Date: Feb 12, 2013; No. 90163030986.

Languages

Persian	Native proficiency
English	Full professional proficiency

Soft Skills

Work Organization and Management	- Principles of productive team work
	- Design a proper flow of the system that is designed and provide proper notification

when needed
- Applying company standards into system
- Planing each day's production schedule according to available time and take into account time limitations and deadlines
- Applying research techniques and skills to keep up-to-date with the latest industry guidelines
- Reviewing own performance against the expectations and needs of the client and organization
- Preparing a good system documentation on how to use, install and run the system

Communication and Interpersonal Skills
- Confirm that the created application meets the original specifications and obtain user sign-off for completed system
- Collaborate with others to develop the required outcomes
- Work well in group problem solving
- Prioritizing and scheduling tasks
- Allocate resources to tasks

Problem solving, innovation, and creativity

Knowing and understanding:
- The common types of problem and requirements which may occur within software development
- Diagnostic approaches and suitable system or software to problem solving
- Trends and developments in the industry including new platforms, languages, conventions, and technical skills
- The use of latest technology to be applied in software scenario which requires the ability to demonstrate and provide an over-arching business solution to a problem
- How to set-up, develop, and integrate into designed solution the latest technology and hardware that will drive a better business solution.

Able to:
- Research encountered problems independently
- Identify and resolve problems in a timely manner
- Gather and analyse information skilfully
- Develop alternatives using the latest technology to support better business solution.

Hobbies and Side Activities

Music
- Kanun soloist at "Ayeen Ensemble" (since 2017)
- Kanun soloist at "Alvand Orchestra" (2014 to 2015)

Astronomy
- Certified Night Sky Observer, Ibn-Sala Astronomy Center (since 2019)

Personal Branding and Digital Marketing
Video Editing, Pod-Cast Recording, Graphic Design, Logo Design, Animation, Info-graphics and Presentations, writing and content development. (since 2011)

Demo:

- Instagram (https://www.instagram.com/tyyinet/)
- YouTube (https://www.youtube.com/c/MohammadRezaTayyebi)
- Ponisha Freelancing Platform (https://ponisha.ir/profile/tayyebi)
- DEV Community (https://dev.to/tayyebi)

Foreign Exchange Market And Cryptocurrency Trading
Trading, and implementation of indicators and algorithmic trading robots.

- TradingView (https://tradingview.com/u/tayyebi)

Red Cross and Red Crescent Societies - Trained for radioactive incidents, online

MBTI: [ENFJ-T](#) /

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