

ARASH KHODADADI

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## TECHNICAL SKILLS

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- 10+ years of experience in software and web development with .Net Framework/Core/5 technologies,
  - Skilled in C# (Core, LINQ, Reflection, Multi-threading, asynchronous programming, TAP, serialization, etc.)
  - Skilled in ASP.Net MVC and Razor engine
  - Skilled in Windows Forms applications, WPF, Silverlight, and MVVM
  - Skilled in Fluent NHibernate, familiar with EF
  - Skilled in WCF, WCF RIA and web services
  - Experience with Telerik RadControls and Infragistics components
  - Experience with Json.Net, NuGet, XUnit, JSON.NET, ReSharper, and StyleCop analyzers
- 3+ years of experience in software and web development with Java technologies,
  - Skilled in Java (Core, Swing and AWT)
  - Experience with Hibernate
  - Experience with Servlets, JSP, JSTL, JAX-WS and web services
  - Experience with JSF 2, CDI and Richfaces
  - Experience with JUnit and Maven
- Skilled in HTML and CSS, JavaScript, JQuery, React, TS, Web Components, FAST
- Skilled in SQL and DBMS (SQL Server and MySQL)
- Skilled in UML, GIT, unit testing, code coverage, test fixtures, and code styling
- Skilled in web services, SOAP and REST
- Skilled in Agile practices, frameworks, and methodologies
- Experience with C, C++ and Assembly
- Experience with infrastructure and build server administration (JIRA, Confluence, Bitbucket, Bamboo, Azure, Azure DevOps, TeamCity, etc.)
- Experience with Robotics

## LANGUAGES

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Persian: Native, English: Fluent, French: Basic

## EDUCATION

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<b>2017-2017</b>	School of Continuing Studies, McGill University Agile Project Management certificate, Grade: A
<b>2013-2015</b>	Department of Computer Science and Software Engineering, Concordia University M.Sc. graduate and research assistant in GIPSY Lab, GPA: 4.0/4.30
<b>2007-2012</b>	Department of CEIT, Amirkabir University of Technology (Tehran Polytechnic) B.Sc. graduate in software engineering, Overall GPA: 15.67/20, Major GPA: 16.16/20

## WORK EXPERIENCE

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- Jan 2021 - Present**  
(Full-time) **Microsoft, Vancouver, BC, Canada**  
Software Engineer 2 at Microsoft Sports Experiences team
- Developing, delivering, and owning E2E sports experiences across different canvases in MSN, Bing, Windows, etc. at scale such as Bracket and Olympics experiences
  - Front-End/Back-End architecture, services, features (Client/Server side, C#, HTML, JS, Azure, React, JS, Web Components)
- Sept 2015 – Dec 2020**  
(Full-time) **Hypertherm Robotic Software Inc. (Robotmaster), Montreal, QC, Canada**  
Staff Software Developer
- June 2014 - Sept 2015**  
(Part-time)
- Optimized, dynamic and persistent data structures design and development (C#)
  - WPF user interfaces following MVVM design and development (C#, WPF)
  - Application logic, APIs, and serialization design and development (C#)
  - Software architecture, user experience, and workflow design
  - DevOps team member, infrastructure setup and administration
  - QA team member, patterns, best practices, code styling, and project management
  - Product Owner in Scrum cycles
- Sep 2013-May 2014**  
(Contractor) **Freelance, Montreal, QC, Canada**  
Freelance Developer and Personal Tutor
- Auto-trading application development with different strategies and multiple agents to predict the market, receive quotes and sell/buy shares using Sterling API (C#)
  - A secure complete online banking web application for educational purposes (Hibernate, JSF2&Richfaces, Maven, SQL, HTML&CSS, JavaScript)
  - Java and .Net technologies tutoring
- May 2012 – Dec 2012**  
(Full-time) **Defraz Software Solutions Company, Tehran, Iran**  
Senior Software Designer and Developer
- Oct 2011-March 2012**  
(Part-time)
- Full AVL system and web application with GPS tracking systems design and development (ASP.Net MVC, NHibernate, Telerik, HTML&CSS, JavaScript&jQuery, SQL)
  - Services for GPRS, GSM and SMS data transfers design and development (WCF)
  - Rule management and rule checking system design and development (WCF, C#, SQL)
  - Map application and map services design and development (Silverlight, WCF RIA)
  - Contract management application development (C#, NHibernate, SQL, Telerik)
  - Sales and delegation management web application development (C#, ASP.Net MVC, NHibernate, Telerik, HTML, CSS, JavaScript, JQuery, SQL)
- Feb 2011-May 2012**  
(Part-time) **Limoo Computer Company, Tehran, Iran**  
Technical Project Manager of Desktop Projects
- Application for cinema ticket selling and reservation (C# Windows Forms, NHibernate, Telerik, SOAP, SQL)
  - Management portal and CMS application (Java)

## TEACHING/RESEARCH ASSISTANTSHIP

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<b>2013 – 2015</b>	Research assistant - GIPSY lab (web services and context-awareness)
<b>Fall 2009</b>	Teaching assistant - Operating Systems
<b>Spring 2009</b>	Teaching assistant - Software Engineering

## PUBLICATIONS AND PRESENTATIONS

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<b>Dec 2015</b>	Arash Khodadadi, Joey Paquet, “Collection and Classification of Services and Their Context” - LAP Lambert Academic Publishing, ISBN 978-3659814471, Dec 2015 (In English)
<b>Sept 2015</b>	Arash Khodadadi, “Collection and Classification of Services and Their Context” - M. Comp. Sc. thesis, Concordia University, Sept 2015 (In English)
<b>Aug 2014</b>	Touraj Laleh, Arash Khodadadi, Serguei A. Mokhov, Joey Paquet, and Yuhong Yan., “Toward Policy-Based Dynamic Context-Aware Adaptation Architecture for Web Service Composition” - Proceedings of the 2014 International C* Conference on Computer Science & Software Engineering (C3S2E '14). ACM, New York, NY, USA, Article 23, Aug 2014 (In English)
<b>Nov 2013</b>	Arash Khodadadi, Joey Paquet, “Service Composition Caching System using Expert Broker” - Accepted and participated in ECSGA graduate student poster competition, Computer Science and Software Engineering, Concordia University, Nov 2013 (In English)
<b>Apr 2012</b>	Arash Khodadadi, “Increasing Maintainability of Sale Charting Programs Using Fluent NHibernate ORM and MVP Pattern” - B.Sc. thesis and presentation, Amirkabir University of Technology, Apr 2012 (In Persian and English)
<b>Jan 2011</b>	Arash Khodadadi, “How Fluent NHibernate makes life easier for developers” - Presentation, National Computer-Aided software seminar, Amirkabir University of Technology, Jan 2011 (In English)
<b>Dec 2010</b>	Arash Khodadadi, “Using Hibernate and NHibernate in designing websites” - Presentation and technical report, Amirkabir University of Technology, Dec 2010 (In English)

## AWARDS AND HONORS

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<b>2015</b>	Top 15% of faculty, Golden Key International Honour Society member
<b>2009</b>	Candidate for membership in SSC (Student Scientific Committee).
<b>2007</b>	Ranked 1023 <sup>rd</sup> in National Universities Entrance Exam among more than 1,000,000 applicants for Engineering and Mathematical science.
<b>2007</b>	Ranked 675 <sup>th</sup> in National Universities Entrance Exam among more than 500,000 applicants for Foreign Languages science.
<b>2005</b>	Ranked 2 <sup>nd</sup> amongst students during 3 <sup>rd</sup> year of high school.

## HOBBIES

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Hiking, CrossFit, Cooking, Snowboarding, Watching TV series and movies