

PERSONAL INFORMATION



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Date of birth 1 Feb 1988 | Nationality Iranian

PERSONAL STATEMENT

I have always been obsessed with science, and its application, technology, the two factors that constantly make huge impacts on our world. Since my childhood, I have always wanted to change the world and take it to a next level. I believe every revolution, begins with small, simple, directed, thoughtful steps. I gained so many wonderful pieces of experience with [Nativy Translations](#) and I am very excited to be taking [Nativy](#) to the next level, with my passion for Software Engineering and Artificial Intelligence. I hope that to be one of the small steps that can change the world some day.

EDUCATION AND TRAINING

2017–Present

Dr. techn. (PhD)

Vienna University of Technology (TU Wien), Vienna (Austria)

Part-time PhD researcher in the field of [Robotics and Haptic Feedback in Virtual Reality](#)

- Institute of Visual Computing and Human-Centered Technology
- Interactive Media Systems research group
- Under supervision of: Assoc. Prof. Mag. Dr. Hannes Kaufmann

2013–2016

Dipl.-Ing. (Master of Science)

Vienna University of Technology (TU Wien), Vienna (Austria)

Dipl.-Ing. (equivalent to Master of Science in German speaking countries) in

- [Logic and Computations](#) (Formerly known as Computational Intelligence) with focus on [Artificial Intelligence](#)
- Thesis title: Optimizations and Improvements of Topographic Robotic Grasping, Supervised by Ao.Univ.Prof. Dipl.-Ing. Dr.techn. Markus Vincze

2006–2011

Bachelor of Science/Engineering

Iran University of Science and Technology, Tehran (Iran)

Major: Software Engineering

1998–2006

High school diploma

Iranian National Organization for Development of Exceptional Talents, Qazvin (Iran)

Mathematics/Physics

WORK EXPERIENCE

2016–Present

Chief Technical Officer (CTO)

Nativy Translations (GmbH), Vienna (Austria)

Nativy is a professional excellent-quality translation and content providing platform, which tries to

automate the whole process of having documents human-translated. Although the major clients of Nativy are multi-national and multi-lingual companies such as Siemens, RWE, REWE, Western Union, Heineken, Do&Co, etc., private individuals can enjoy the benefits of Nativy Platform to have their documents translated with a few clicks. Furthermore, Nativy provides its partners, including WPML, with possibility to enable their clients order translations from within their CMSs, portals and websites, without having to import/export and files, all through a ready-to-use API set.

My role in Nativy includes but not limited to:

- Redesigning the data storage system
- Redesigning the platform
- Designing and implementing algorithms and procedures
- Supporting software/hardware systems
- Handling and managing offshore projects
- Building up and training the development team
- Communicating to other departments and staying in close contact with the other departments to support their activities, automate their routine processes, etc.

Nativy employs a wide variety of technologies, including ASP.NET WebForms/MVC, Java, Microsoft Azure services, Amazon (AWS) services, etc.

2013–2016 **Lead Developer**

Nativy Translations (GmbH), Vienna (Austria)

During this time we have refactored the code, redesigned the database, and made fundamental changes in UI/UX of the platform.

Some technologies and platforms we introduced into the system includes but not limited to:

- Switching to the latest .NET Framework
- Moving majority of resources to cloud (Microsoft Azure, Amazon AWS, ...)
- Employing Apache Lucene, Apache Tika, etc. for different purposes in the system
- Introducing and utilizing Linq2SQL ORM
- Introducing new workflows for ordering process in the system
- Expanding Nativy Connect API, an API set for partner companies
- Switching to AJAX-based pages designed using native HTML/CSS/JS from Telerik ASP.NET Components

2011–2012 **Software Architect and Developer**

Zigoora, Tehran (Iran)

Zigoora was a Canadian-Iranian startup that failed in its early stage due to various reasons. Zigoora was a crowd-source translation platform that could provide high quality translations supported by a machine translator and its users and members. Despite it's very complex concept and workflow, Zigoora was developed using ASP.NET and jQuery.

2008–2012 **Freelance Developer**

Tehran (Iran)

I did various projects with very different sizes. The platforms and technologies I used were mostly:

- .NET Windows Form (C++.NET and C#.NET)
- ASP.NET
- DotNetNuke
- MS Office Access
- MS SQL Server
- ...

2006–2012 Part-time IT Support/Network Administrator/Software Developer

Sazeh Aliazh Alborz Ltd., Alborz Industrial Town (Iran)

Sazeh Aliazh was a small/middle-sized company that manufactured steel spare parts for various car manufacturers in Iran. In addition to installing, setting up and supporting their Windows-based network, I spent some time developing mini applications to automatize certain workflows in the company.

2010–2011 Programming Tutor

Iran University of Science and Technology, Tehran (Iran)

I taught Microsoft C#.NET in two levels, beginner and advanced. I had two classes, each around 10 people from undergraduate students to PhD students from Iran University of Science and Technology.

2009–2010 Teacher (Programming)

Iranian Organization for Development of Exceptional Talents, Qazvin (Iran)

I taught middle-school and high-school children computer programming, as a complementary part to their main curriculum.

2008–2009 Software Engineering Intern

Hanfekran IT Corp., Tehran (Iran)

I was appointed to different projects to learn how the software development processes and methodologies look like, but mainly focused on extending a cloud-based time attendance software for enterprises. During this time I became familiar with fundamentals of team work and improved my development skills drastically.

2004–2010 IT Support/Network Administrator

Alborz Pooladin 2000 Ltd., Alborz Industrial Town (Iran)

Alborz Pooladin 2000 Ltd was a small/middle-sized company back then that manufactured steel spare parts for various car manufacturers in Iran. I setup and maintained their Windows-based network and maintained and supported technically their IT infrastructure.

PERSONAL SKILLS

Mother tongue(s) Persian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
IELTS Academic					
German	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills

I learnt how to communicate with others and consequently work more efficiently in fast-paced teams when I was involved in Robocup competitions and competed against the bests of the field at international competitions. In addition, I earned very good presentation skills, thanks to many seminars, international competitions, international symposiums, conferences and summer schools at what I have attended and delivered presentations. Besides, during my time in Nativy Translations, and as a development lead, I gained so many fantastic pieces of experience in communicating with people with no, or low level of technical background as well as expert technical teams. After all the main quality a competent CTO should poses is the ability to communicate.

Job-related skills ■ Team building

- Software development team leading
- Development planning
- Agile methodologies, specially SCRUM
- Problem solving
- Critical thinking
- Senior software developer
 - .NET
 - ASP.NET MVC
 - MVVM Frameworks
 - RDB/No-Sql
 - Python 2.7
 - Java SE
 - Cloud-based Solutions
 - ...

ADDITIONAL INFORMATION

Honours and awards

- International Robocup Competitions - 2009 Graz, Austria
- International IranOpen Robocup Competitions - 2009 Qazvin, Iran
- International Robocup Competitions - 2008 Sozhou, China
- International IranOpen Robocup Competitions - 2008 Qazvin, Iran
- Awarded for being among top 1% at nation-wide university entrance exam

Certifications

- IEEE-RAS Safety, Security and Rescue Robotics Summer School - 2012, Alanya, Turkey
 - Certified by IEEE, IEEE-RAS, NIST, Robocup Rescue and Robotit
 - Subject: Safety, Security and Rescue Robotics - Machine Learning Practicals
- ROS RoboCup Rescue Summerschool - 2012, Graz, Austria
 - Certified by European Union, SiAt, Republic of Slovenia, Graz University of Technology and RoboCup Federation
 - Subject: Introduction to ROS (Robot Operating System)
- Data Mining and its Application in Industry and Technology - 2009, Tehran, Iran
 - Certified by Iran University of Science and Technology, Industrial Eng. and Computer Eng. Schools
 - Instructor: Prof. Dr. Gholamreza Nakhaeizadeh, former head of datamining department at Deimler and professor of KIT, Germany
- Application of Data Mining in CRM and Quality Management - 2009, Tehran, Iran
 - Certified by Iran University of Science and Technology, Industrial Eng. and Computer Eng. Schools
 - Instructor: Prof. Dr. Gholamreza Nakhaeizadeh
- Introduction to Data Mining - 2008, Isfahan, Iran
 - Certified by TUV Rheinland Academy
 - Instructor: Prof. Dr. Gholamreza Nakhaeizadeh

Memberships

- Interactive Media Systems Research Group, TU Wien 2016 - present
 - Vienna University of Technology
 - Roll: PhD Researcher
 - Supervisor: Assoc. Prof. Mag. Dr. Hannes Kaufmann
- Intelligent Automation Laboratory 2009 - 2011

- Iran University of Science and Technology
- Roll: Research Assistant
- Supervisor: Assis. Prof. Dr. Peyman Kabiri
- 2nd Khawrazmi Robotic Competitions November 2009
 - Roll: Technical Committee (TC) member (Referee)
 - Field: Search and Rescue
- USARSim Developers Community 2010 - 2013
 - Roll: Developer on UT3, UDK
 - Designed, developed and supported by NIST
- Computer Engineering Scientific Association 2009 - 2011
 - School of Computer Engineering Iran University of Science and Technology
 - Roll: Official Elected Member
- Robotic Scientific Association 2007 - 2009
 - Iran University of Science and Technology
 - Roll: Member