

# Ali Ajdari Rad

## Contact:

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## Status:

Married

34 years old

Iranian



## Education

2006 – 2011 Ecole Polytechnique Fédérale de Lausanne Lausanne, Switzerland

*PhD of computer and communication sciences*

**Thesis:** Information processing and structure of dynamical networks

**Related topics:** neural networks, complex networks, dynamical systems, machine learning and pattern classification, robotics, cognition and information processing in the nature.

2001-2004 Amirkabir University of Technology Tehran, Iran

*Master of Science in Artificial Intelligence and Robotic*

**Thesis:** "Human Identification based on iris features", an efficient method for extracting a identification code from pattern of the iris.

1997-2001 Amirkabir University of Technology Tehran, Iran

*Bachelor of Software Engineering*

**Final project:** "Design and Implementing a Coach agent for a team of soccer player robots", design a commander agent for a team of intelligent agents in an adversarial environment.

## Selected Job Experiences

March 2011 - now Google Switzerland GmbH Zurich, Switzerland

*Product Manager*

Working as product manager in a team, responsible for quality assurance and prioritization of improvements in Google Geo products worldwide.

2004-2006 Chista Software Engineering Ltd. Tehran, Iran

*Co-founder, technical software manager, and requirements manager*

Leading an agile IT-based company that successfully penetrated several large scale organizations as the highly trusted consultant for IT and software developments. Among several successful stories, the company presented its abilities in requirement management, architectural design and supervision of development phases for medium scale software solutions of "Intelligent identification and ranking of suppliers" in ministry of petroleum of Iran, "Unified port operation of Iran" in port and shipping organization of Iran and "Resource evaluation and personnel information" in Data processing of Iran.

2004-2005 Amirkabir University of Technology Tehran, Iran

*Course Director (lecturer)*

Software Engineering II, undergraduate course for Software Engineering students, Computer Engineering and IT Department.

2001-2004 Kharazmi Office Machines Inc. Tehran, Iran

***Software Analyst and Designer (part time)***

Several experiences on designing and implementing of software systems in the large and medium scale communication based applications such as supervisory management and monitoring of radio telecommunication nodes. I had been employed as a part time software designer but my capabilities led me to get the critical position of senior system analyst and designer.

**Technical Skills**

- Dynamical systems and complex networks analysis (biological, social and artificial)
- Machine learning, pattern classification, and statistical signal processing
- Process engineering, software methodology tailoring, software object oriented analysis and design (based on IBM Rational suite)
- C/C++, VB.Net, C#, Matlab professional programmer

**Selected Publications**

More than 20 publications (13 journal and 11 peer-reviewed conference papers) in high impact factor journals and conferences (the complete and updated list is available at [Google Scholar](#)).

**Honors and Awards**

- 1999 Certification of Achievement, RoboCup99 world cup, Stockholm, Sweden
- 2000 Certification of Achievement, west Asia region, ACM Int. Collegiate Programming Contest
- 2001 Certification of Achievement, RoboCup2001 world cup, Seattle, USA
- 2002 Cisco ISDN and BSCN certification achievement
- 2006 Summer research MICS scholarship, Ecole Polytechnique Federal de Lausanne

**Languages**

Persian, English : Fluent

French and Arabic : Communication level

German : Basic

**Hobbies**

Sport: Chess, Soccer, Snooker

Music: Playing violin

Misc: Philosophy, humor and caricature and cooking