

September 6, 2016

## Arman Sepehr

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Sharif University of Technology  
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### EDUCATION

**Bachelor of Science**, Computer Engineering  
Sharif University of Technology ,Tehran, Sep 2007- Sep 2011  
GPA: 16.7  
First 3-year GPA: 17.4

**Master of Science**, Computer Engineering, Artificial Intelligence  
Sharif University of Technology ,Tehran, Sep 2011- Oct 2013  
GPA: 17.6  
*Relevant Courses:* Complex Dynamical Networks, Statistical Pattern Recognition, Machine Learning, Data Mining, Neural Networks and Fuzzy Systems  
*Thesis: Multi-class Semi-Supervised Classification of Data Streams(Grade: A)*

**PhD candidate**, Computer Engineering, Artificial Intelligence  
Sharif University of Technology ,Tehran, Sep 2016- Now

### RESEARCH INTERESTS

- Big data analysis, Information Retrieval
- Social Networks, Complex Dynamic Network, Statistical Analysis
- Operating System, Embedded System

### HONORS

- Awarded Internship Scholarship, *Max-Planck Institute for Software System(MPI-SWS)* , Kaiserlautern Germany, 2015.
- *ITRC Research Grant Award* , Telecommunication Research Center (ITRC) Research Grant, awarded to my Master thesis, 2012.
- *Awarded Fellowship of Exceptional Talents* , Sharif University of Technology for Master of Science, 2011.
- *Ranked 3rd* student of BS in my major, Department of Computer Engineering, Sharif University of Technology, 2011.

### TEACHING EXPERIENCE:

*Lecturer*, Sharif University of Technology International Campus, Operating System(2016)  
*Head Teacher Assistant*, Sharif University of Technology, Machine Learning(2016)  
*Head Teacher Assistant*, Sharif University of Technology, Operating System Lab(2013)  
*Head Teacher Assistant*, Sharif University of Technology, Operating System (2012)  
*Teacher Assistant*, Sharif University of Technology, Machine Learning (2012)  
*Teacher Assistant*, Sharif University of Technology, Signal and Systems (2012)  
*Teacher Assistant*, Sharif University of Technology, Discrete Structures (2008)  
*Teacher* , Teaching math as well as programming in NODET school. October 2011-Now.

<b>PUBLICATION</b>	<ul style="list-style-type: none"> <li>• Viral Cascade Probability Estimation and Maximization in Networks, with Dr Beigy and Dr Rodriguez (submitted to IEEE TNSE)</li> <li>• Multi-class semi-supervised classification of data streams, <i>MSc thesis</i>, (in Persian), Oct 2013.</li> </ul>
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• Project Manager at Parsian Insurance, Dec 2015-Now</li> <li>• Senior Engineer at IIS center in Sharif University of Technology, Aug 2013- Dec 2015</li> <li>• Software Developer at Mohaymen, Jun 2012 - Jul 2013</li> </ul>
<b>COMPUTER SKILLS</b>	<ul style="list-style-type: none"> <li>• <i>Social Network Analysis Tools</i>: MatlabBGL,SNAP C++</li> <li>• <i>Machine Learning Tools</i>: WEKA, LIBSVM</li> <li>• <i>Programming Languages</i>: Java, C/C++, Matlab</li> <li>• <i>Web/DB Technologies</i>: HTML, CSS, Javascript, PHP, MYSQL, Ajax, Symfony</li> <li>• <i>Operating Systems Programming</i>: Linux(expert on Embedded Linux), Windows, Android</li> </ul>
<b>COMMUNITY SERVICE</b>	<p>Journal referee at Information Fusion - Elsevier</p> <p>Organized and directed the conference in artificial intelligence for highly talented student in Iran</p> <p>Organized and directed programming contest for highly talented students in Iran, more than 300 people participated each year</p>
<b>Projects:</b>	<ul style="list-style-type: none"> <li>• How can we create Long and deep cascades in social Network ( Complex Network)</li> <li>• How can we clarify anomaly process with statistical model ( machine learning)</li> <li>• Computing trustworthiness in twitter dataset ( Complex Network)</li> <li>• Multi-class Classification on data-stream (Machine Learning)</li> <li>• Learning shortest path using reinforcement learning (Machine Learning)</li> <li>• Temporal text classification (Data Mining)</li> <li>• Design and Implement Secure Mobile Payment (BSc project)</li> <li>• Real-time Operating System based on Linux(Operating system)</li> </ul>
<b>REFERENCES:</b>	<p><i>For further information you can contact to</i></p> <p>Dr. Beigy, Associate Professor, Computer Engineering, Sharif UT, beygi@sharif.edu</p> <p>Dr. Safari, Assistant Professor, Computer Engineering, Sharif UT, msafari@sharif.edu</p> <p>Dr. Habibi, Associate Professor, Computer Engineering, Sharif UT, jhabibi@sharif.edu</p>