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Arman Sepehr

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- OBJECTIVE** A Ph.D. position with special interests in machine learning, social network, statistical analysis, , and data minig.
- 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)
- RESEARCH INTERESTS**
- Machine Learning, 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:** *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.

PUBLICATION

- Viral Cascade Probability Estimation and Maximization in Networks, with Dr Beigy and Dr Rodriguez (in progress)
- Detecting anomaly processes in operating system with Hidden Markov Model (in Persian), CSICC 2014.
- Multi-class semi-supervised classification of data streams, *MSc thesis*, (in Persian), Oct 2013.

EXPERIENCE

- Project Manager at Parsian Insurance, December 2015-Now
- Senior engineer at Sharif University of Technology, Technological Service Complex, Iran, August 2013- December 2015
- R&D expert, Steganography on image and sound in GSM channel, Mohaymen, June 2012 - July 2013

COMPUTER SKILLS

- *Social Network Analysis Tools*: MatlabBGL, SNAP C++
- *Machine Learning Tools*: WEKA, LIBSVM
- *Programming Languages*: Java, C/C++, Matlab
- *Web/DB Technologies*: HTML, CSS, Javascript, PHP, MYSQL, Ajax, Symfony
- *Operating Systems Programming*: Linux(expert on Embedded Linux), Windows, Android

COMMUNITY SERVICE

Organized and directed the conference in artificial intelligence for highly talented student in Iran

Organized and directed programming contest for highly talented students in Iran, more than 300 people participated each year

Projects:

- How can we create Long and deep cascades in social Network (Complex Network)
- How can we clarify anomaly process with statistical model (machine learning)
- Link prediction in signed networks (Complex Network)
- Computing trustworthiness in twitter dataset (Complex Network)
- Multi-class Classification on data-stream (Machine Learning)
- Learning shortest path using reinforcement learning (Machine Learning)
- Temporal text classification (Data Mining)
- Design and Implement Secure Mobile Payment (BSc project)
- Real-time Operating System based on Linux(Operating system)

REFERENCES:

For further information you can contact to

Dr. Safari, Assistant Professor, Computer Engineering, Sharif UT, msafari@sharif.edu

Dr. Beigy, Associate Professor, Computer Engineering, Sharif UT, beygi@sharif.edu

Dr. Habibi, Associate Professor, Computer Engineering, Sharif UT, jhabibi@sharif.edu