

Milad Nasr Esfahani

Address	Computer Science Building, 140 Governors Drive Amherst, MA, USA 01003	Phone	+1 (413) 406 9557
		Email	milad@cs.umass.edu
		Homepage	http://people.cs.umass.edu/milad

Education

- 2015–...** MS/PhD, University of Massachusetts Amherst, Amherst, MA
GPA: 4/4
- 2011–2015** B.Sc. in Computer Engineering, Isfahan University of Technology (IUT), Isfahan, Iran
GPA: 17.97/20

Research Interests

- Security and Privacy
- Game Theory and Mechanism Design
- Networking
- Artificial Intelligence

Publications

- **Milad Nasr**, and Amir Houmansadr. *"Game of Decoys: Towards Optimal Decoy Routing Circumvention Through Game Theory."* Proceedings of the 23rd ACM **SIGSAC** Conference on Computer and Communications Security. ACM, 2016
- Stanford, H. C. I. *Daemo: a Self-Governed Crowdsourcing Marketplace* (2015). Adjunct Proceedings of the 28th Annual ACM Symposium on User Interface Software & Technology
- S.Farhang, M. H.Manshaei, **M. N.Esfahani**, and Q.Zhu, *A Dynamic Bayesian Security Game Framework for Strategic Defense Mechanism Design*, in **Decision and Game Theory for Security** (pp. 319-328). Springer International Publishing (2014).

Research Experience

- Researcher at UMASS Security and Privacy Group, *Fall 2016–...*
- Researcher at Game Theory and Mechanism Design Laboratory, *Isfahan, Iran, Fall 2013-Spring 2015*
- Researcher at Stanford Crowd Research Collective Group, *Spring 2015*

Professional Experience

- 2011– 2015** Information Technology Center-IUT, *Isfahan, Iran*
Researcher and Network Administrator
- Design and deploy distributed storage with more than 500TB
 - IUTCloud: deploying IaaS with OpenStack
 - Kharazmi System: cloud based homepage for IUT faculty members

2013– 2015

Omid Programming Company, *Isfahan, Iran*
Software Engineer

- Mobile Programming (iOS/Android)

Projects

IUT ECE Computing Cluster A cluster for grad students with more than 50 nodes using Torque job scheduler and lots of my programs, Department of Electrical and Computer Engineering (IUT), 2014

IUT Domain Campus wide central windows domain using Samba and LDAP with more than 5000 PCs and more than 20000 users, Isfahan University of Technology, 2012

IUT boinc Campus volunteer computing system with more than 300 PC and 500GFlops computing power, Isfahan University of Technology, 2012

Awards and Honors

- Ranked 8th in “Master of Computer Engineering (AI)” nationwide entrance exam, Iran, 2015
- Top 3 among 60 students in computer engineering - Isfahan University of Technology, 2015
- Granted merit-based admission to masters program in AI, Network and Software Engineering at ECE department of Isfahan University of Technology, 2014
- Certificate from NIIT in “OO Application Development” with outstanding score, 2008
- Winner of NODET software competition, 2007
- Winner of software festival in middle-school, 2005–2006

Software Engineering Skills

■ Programming Languages

Python, Java, Swift, Objective C, C, C++, C#
Django, PHP, JSF, JSP, ASP.net

■ Network Administration

FreeBSD, Cisco iOS, Windows, UNIX, Clustering, Virtualization

Teaching Experience

- Shahid Ejei High School
 - AVR Programming, C# Programming, C++ Programming, Information Security, Game Theory
- Isfahan University of Technology
 - Teacher Assistant
 - * Computer Programming, Fall 2013
 - * Parallel Processors, Spring 2012–2015
 - Volunteer Teaching:
 - * C# Programming
 - * Cisco Switches
 - * MPI Programming
 - * Linux