

# Milad Nasr

---

<b>Address</b>	Computer Science Building, 140 Governors Drive Amherst, MA, USA 01003	<b>Phone</b>	+1 (413) 406 9557	<b>Email</b>	milad@cs.umass.edu	<b>Homepage</b>	<a href="http://people.cs.umass.edu/~milad">http://people.cs.umass.edu/~milad</a>
----------------	---	--------------	-------------------	--------------	--------------------	-----------------	---

## 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*” . Adjunct Proceedings of the 28th Annual **ACM Symposium on User Interface Software & Technology**(2015)
- 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, ASPnet*

### ■ 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