Aida Amini

UW CSE AC101, Box 352350,
185 Stevens Way Seattle WA 98195-2350

ida.amini70@gmail.com
amini91@uw.edu
amini91@cs.washington.edu
(+1)4258299719

Interests   Information Retrieval/ Natural Language Processing/ Social Networks

Education

Ph.D. in Computer Science, University of Washington, Seattle   Current
- GPA : 3.78/4
- Area : Natural Language Processing
- Adviser: Prof. Hannah Hajishirzi

B.S. in Software Engineering, University of Tehran, Tehran, Iran   2015
- GPA : 3.79/4, 17.82/20
- Thesis : Cross-lingual Subjectivity Detection
- Graduation: Feb 2015

Kherad High School, Tehran, Iran (GPA 19.52/20)   2010

Work Experiences

- **Summer Internship at Google, Zurich**   June 2015- September 2015

- **Notification Manager, University of Tehran**   July 2013- September 2013
Developing android application for a academic social networks called "Notification Manager" for Massaging and sending some academic notifications via it. (http://summerofcode.ir). s

Research Experiences

- **Internship at Disney Research** June-September 2017
- **Working as Research Assistant at University of Washington** September 2015-present
Developing and exploring methods for modeling solving algebra word problems.
- **Researching in Intelligent Information Systems(IIS) Laboratory at University of Tehran**   2014-2015
Developing methods for Cross-Lingual Sentiment Analysis.
- **Research intern in LSIR Laboratory at Ecole Polytechnique Federale de Lausanne (EPFL)**   July 2014 -September 2014
Updating TinyGSN for energy-efficient context data reporting.Implementing background Services using Java
- **Research intern in Operating Systems Laboratory at Ecole Polytechnique Federale de Lausanne (EPFL)**   July 2013 - September 2013
Developing social network algorithms in c++ in scatter-gather pattern for graph processing system,X-Stream, written in C++ for performance testing. (http://labos.epfl.ch/x-stream).

Publications

- **MAWPS: A Math Word Problem Respository**   Accepted
  A joint work with H. Hajishirzi, R. Koncel-Kedziorski and S. Roy

- **Expressing Coherent Personality with Incremental Acquisition of Multimodal Behaviors**   Accepted
  In 27th IEEE International Conference on Robot and Human Interactive Communication

- **MathQA: Towards Interpretable Math Word Problem Solving with Operation-Based Formalisms**   Accepted
  To be published in Naacl 2019

- **Cross-lingual Subjectivity Detection for Resource Lean Languages** Accepted
  To be published in NAACL - WASSA workshop 2019

Honors & Awards

- Ranked 4th among CE and IT students, University of Tehran   2010-
- Winning gold medal in the 18th National Scientific Olympiads in Computer Engineering (taken a year in advance)   2013
- Won F.O.E. (Faculty of Engineering) Award as the 2nd ranked students Awarded by Department of Electrical and Computer Engineering, University of Tehran 2013
- Won F.O.E. (Faculty of Engineering) Award as the 3rd ranked students Awarded by Department of Electrical and Computer Engineering, University of Tehran 2012

Notable Projects

- **Development of character based text generation system**   Natural Language Processing-grad

- **Development of smart Hashtag Generator for Instagram**   Computer Vision-grad

- **Development of Rescue Agent**   Intelligence Systems

- **Development of Hex Game AI Agent**   Artificial Intelligence

- **Finding most influential people in a social network**   Social Networks
  Developement of facebook application with polling from people and then analyze the result using tools like gephi and game theory methods

Computer Skills

Programming	Java/ Python/ C++/	expert
	Android development	expert
	Verilog/ PHP/ c#/ SQL/ Matlab	good
	Web programming	good
	BashScript/ lisp/ ml	familiar
Tools, Web, Database	Hibernate/ ORMLite/ SQLite/ MySQL	good
Stanford-corenlp/ groubi good		
	HTML/ CSS/ jQuery/ MVC/ Ajax	good
	Apache/ bootstrap/ javaEE	
	git/ svn	good
Language	Persian	Native
	English	Fluent
	French, Arabic	Familiar