Pooya Moradi

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Education

2013-2017	**B.Sc. in Sofware Engineering** – *ECE Depertment, University of Tehran, Tehran, Iran* current GPA: 17.52/20 Electively took some graduate courses: *Intelligent Information Retrieval - Fall 2014*
2009-2013	**Diploma in Mathematics and Physics Discipline** – *Allameh Helli High School, Tehran, Iran* Affiliated with the *National Organization for Development of Exceptional Talents*

Research Interests

- **Information Retrieval**
- **Text Mining**
- **Social Network Analysis**

Publications

Summer 2014	H. Zamani, A. Shakeri, and P. Moradi. *"Regression and Learning to Rank Aggregation for User Engagement Evaluation"*. Proc. of Workshops of ACM RecSys 2014

Research Experiences

May 2014 - Today	**Undergraduate Research Assistant @ Intelligent Information Systems lab** Under supervision of Prof. Azadeh Shakery

Ongoing Research Projects

Winter 2015	**Multi Domain User Engagement Evaluation** *Goal: SIGIR' 15, ICDM' 15*

Teaching Experiences

Winter 2015	**Advanced Programming** - Teaching Assistant. *Dr. Ramtin Khosravi*
Winter 2015	**Internet Engineering** - RoR Instructor. *Dr. Hossein Shafiei*
Winter 2015	**Probability and Statistics** - Teaching Assistant. *Dr. Rabieie*
Fall 2014	**Introduction to Computing Systems** - Teaching Assistant. *Dr. MahmoudReza Hashemi*

Projects

Winter 2015	**Neptune** – *Course project of Probability and Statistics* Statistical analysis of user engagement of tweets related to IMDB movies.
Fall 2014	**Elixer** – *Final course project of Data Structures* Vector-Based map explorer software using efficient data structures.
Summer 2014	**PAL** – *Open-Sourced Project* Preference/Ranking aggregation library developed for ACM RecSys 2014.
Summer 2014	**Phy** Web-Based service for career guidance of people with disorders of auditory.
Spring 2014	**Instagholam** – *Final course project of Advanced Programming* Qt4-based, multi-user, multi-threaded and CDN-based photo sharing software.
Spring 2014	**Krush** – *Course project of Advanced Programming* Clone of *Candy Crush* GUI game powered by SDL library.
Fall 2013	**FFS** – *Final course project of Introduction to Computing Systems* Fast pseudo file-system in dynamic memory.

Professional Experiences

Fall 2013 - 2014	**Backend Developer at Taskulu** – *ShayaWeb Co.* A platform to launch teams and projects, recruit team members and set custom access controls with automated payments.
Summer 2013	**Chakamak** – *Founder and Developer* A Persian crowd-sourcing platform to share or explore great little poems written by known or unknown, ancient or contemporary poets.
2011	**Tachranet** – *Writer* E-commerce magazine as a project of *Fanap* corporation.
2011	**RoboCup Rescue Agent Simulation** – *Member of ESKILAS team* a multi-agent system to minimize the damage after an earthquake. Dealing with lots of graph, optimization and clustering algorithms.
2010	**RoboCup Mixed Reality** – *Member of TripleA team* A multi-agent system with virtual interactions and physical movements.
2009	**RoboCup Soccer 2d Simulation** – *Member of ESKILAS team* The goal of the competition is to design a multi agent system as a soccer team.

Skills & Qualities

Programming	Guru in C/C++ and Ruby Proficient in Python Fimiliar with PHP, JS, SQL, Bash Script, and many other languages.
Tools	Scikit-Learn – *machine learning library* MATLAB MALSAR – *multi-task learning toolkit* SLEP – *sparse learning toolkit*
Web Dev	Master Ruby On Rails(RoR). Proficient in HTML5 and CSS3. Fimiliar with many concepts,technologies(NoSql, SPA, etc.) and libraries.
Linux	Master Linux my default operating system. Live with Command Line Interface.
Personal Qualities	Diligent, creative, curious, self-motivated and always eager to learn new stuff (As my research experiences suggest).

Honors & Awards

Summer 2014	**Ranked 5th in ACM RecSys Challenge 2014** How to rank IMDB tweets based on their RTs and favorites count? ranked 5th as *UT-IIS* team among 36 teams.
Spring 2014	**Best Project Award by IEEE Student Branch** Nominated for the best project award program held by IEEE Stdent Branch of University of Tehran for *Instagholam* project.
Winter 2014	**Iran Web Festival** *Chakamak* Nominated for the 6th Iran Web Festival among more than 180 rivals in its branch.
Summer 2013	**National University Entrance Examination** Ranked **244th** among 600000 students in National University Entrance Examination.
Summer 2011	**13th National Khwarizmi Festival** **1st** as *ESKILAS* rescue agent simulation team at provincial round of robotic competitions of *National Khwarizmi Festival* held by *Iranian Research Organization for Science and Technology*.
Summer 2011	**13th National Khwarizmi Festival** Ranked **4th** as *ESKILAS* rescue agent simulation team at robotic competitions of *National Khwarizmi Festival* held by *Iranian Research Organization for Science and Technology*.

References

Available upon request.