

Aidin NasiriShargh

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INDUSTRIAL WORK EXPERIENCES

- ◇ **Software Engineer at Zoosk Inc.**, San Francisco, CA, USA Feb 2013 - Present
Front-End developer of Zoosk Plus team; dealing with 150,000 lines of Javascript in the web client.
- ◇ **Software Engineer at Google Inc.**, Mountain View, CA, USA Oct 2012 - Dec 2012
Member of Discovery team of Google Plus; analysing the huge social graph of users and actions.

EDUCATION

- ◇ **M.Sc. in Artificial Intelligence (dropped)**
Sharif University of Technology, Tehran, Iran 2009 - 2012
Passed all 29 units of courseworks, including *Evolutionary Algorithms, Machine Learning, Pattern Recognition, Natural Language Processing, Complex Dynamical Networks, Digital Signal Processing, Neural Networks, Fuzzy Systems*. Didn't finish the thesis.
- ◇ **B.E. in Computer Engineering**, Major: Software Engineering
Sharif University of Technology, Tehran, Iran 2004 - 2009
Thesis: "*Proposing a New Content-Based Similarity Measure between Persian Weblogs*"
- ◇ **Diploma in Mathematics and Physics Discipline**
Shahid Soltani High School, Karaj, Iran 2000 - 2004
Affiliated with the National Organization for Development of Exceptional Talents (NODET).

INDIVIDUAL WORK EXPERIENCES

- ◇ **Open Source Software Developer** Since 2004
Designed, implemented and maintained two open source web-based projects:
 - **Phormer, an Open Source Photo Gallery Manager Web Application** Since Sep 2006
Available at <http://p.horm.org/er>, Phormer is a light-weight (120KB) photo gallery manager, mainly in PHP, Javascript and without MySQL. Phormer has been downloaded around 40,000 times on sf.net and has Persian and French translation packages inside.
 - **PsychHo, an Open Source Template Generator for Weblogs** Since Dec 2005
Available at <http://psyc.horm.org>, PsychHo is a WYSIWYG template generator for weblogs in Javascript, HTML and CSS. It helps users to customize elements of a weblog with no technical skills. PsychHo has had 550,000 hits in English and 260,000 hits in Persian.
- ◇ **Project Manager of an outsourced project at T.A.Pasargad Co.**, Iran. Winter 2010
 - PM of an outsourced project of "*Localization of Lucene (an open-source search engine library in Java) into Persian*" with 4 engineers. Also implemented heuristic techniques for *Tokenizing Persian words* in this project based on my B.E. thesis.
- ◇ **Software Engineer Intern at FarsiWeb**, Tehran, Iran Summer 2009
 - Worked on "*Refining localized Aspell (an open-source spell checker) in Persian*". Implemented a web crawler to collect and refine Persian words to improve the project's database.
 - Met with business contracts and iterative delivery cycles through designing and implementing a website for theCenter of Industrial Workshops of Sharif University.
- ◇ **Freelance Web Designer** 2005 - 2009
 - Web Designer and webmaster of several websites (including two international conferences), mostly designed in Adobe Photoshop and implemented in PHP, MySQL, XHTML, Javascript, and CSS.
 - Remote front-end developer for generation-digitale.net, a German web-design company.
- ◇ **Apprentice at FarsiWeb**, Tehran, Iran 2003 - 2005
 - Learned basics of software design and development, as well as working in a friendly team.
 - Contributed in FarsiFonts 3.0 Installer for Sharif Linux, the company's website design, etc.

HONORS AND AWARDS

- ▷ **ACM-ICPC**, International Collegiate Programming Contest by ACM
 - ◇ **14th Team** in the 33th ACM ICPC World Finals, Stockholm, Sweden. Apr 2009
 - ◇ **36th Team** in the 34th ACM ICPC World Finals, Harbin, China. Feb 2010
 - ◇ **2nd, 1st, 2nd, 4th, 5th Team** in Regional Contests of ACM ICPC West Asia Region, respectively in Nov 2009, Dec 2008, Dec 2007. Nov 2006. Dec 2005.
- ▷ **Undergraduate and Graduate Study**
 - ◇ **Awarded as Outstanding Student** by the university president. 2004, 2009, and 2010
 - ◇ **Recipient of 2-year Grant** for graduate studies from the National Elites Foundation. Sep 2009
 - ◇ **Ranked 11th** in National Olympiad of Computer Eng. for university students, Iran. July 2009
 - ◇ **Ranked 16th** in Artificial Intelligence and **9th** in Software Engineering nationwide graduate study entrance exam among more than 11,000 participants. May 2009
- ▷ **IOI**, the International Olympiad in Informatics for pre-college students
 - ◇ **International Silver Medal** in the 16th IOI, Athens, Greece. Sep 2004
 - ◇ **National Gold Medal** in the 13th Iranian National Olympiad in Informatics, Iran. Sep 2003
 - ◇ **National Silver Medal** in the 12th Iranian National Olympiad in Informatics, Iran. Sep 2002

OTHER EXPERIENCES AND ACTIVITIES

- ▷ **IOI and ACM ICPC** related
 - ◇ Deputy Leader of Iran Delegation in the 23rd IOI in Thailand July 2011
 - ◇ Member of Scientific Committee of regional contests of ACM ICPC Fall 2010 & 2011
 - ◇ Invited Trainer of Programming and Problem Solving, various universities ... Summer 07 & 09
 - ◇ Head of the Scientific Committee of Iran Nationwide Programming Contest ... Fall 07, 08 & 09
 - ◇ Head of the Students Summer Camp for IOI at Young Scholars Club Summer 06, 07 & 08
 - ◇ Member of the National Committee for IOI at Young Scholars Club ... Summer 2010 - Present
 - ◇ Member of the Scientific Committee of IOI at Young Scholars Club 2004 - 2010
- ▷ **Graduate and Undergraduate Study** (at Sharif University of Technology)
 - ◇ Member and Secretary of the Students Scientific Council of the Department 2007 - 2008
 - ◇ Teaching Assistant for C++Programming (5 Semesters), Design and Analysis of Algorithms (3 Semesters), Intro to Artificial Intelligence (2 Semester) and Web Programming 2005 - 2011
 - ◇ Volunteer Instructor of Extra-Curricular Courses: *Simple Webbing* (Basics of Web Development) and *Programming From One* (Coding Techniques, focused on C++ & STL) 2007 - 2008
 - ◇ Held a photography exhibition named "*The afternoons I came home late*" containing 30 abstract photos taken in the first 3 years of undergraduate study Feb 2008

PUBLICATION

600 Multiple Choice Problems on Data Structures and Algorithms
Co-authored with Professor M. Ghodsi, Fatemi Publication; Book in Persian language Dec 2012

TECHNICAL SKILLS

- ◇ Excellent theoretical and practical background in Data Structures, Algorithm and Graph theory, as demonstrated by success in IOI and ACM-ICPC competitions.
- ◇ Expert in C/C++(STL), Javascript (Google Closure Library), PHP, HTML, CSS.
- ◇ Familiar with MySQL, Python, Java, MATLAB, Bash, Agile software methodologies.
- ◇ Excellent organization, communication and interpersonal skills. Experienced in leadership and management: Head-TA in university, Manager of small projects and summer camps.
- ◇ Passionate, Creative, Team-oriented, and Self-motivated.

REFERENCES

Available Upon Request.