Aidin NasiriShargh

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WORK
EXPERIENCE

◇ **Director of Web Applications** at **Zoosk Inc.**, San Francisco .... May 2017 - Present

Working with my team on making the Web Applications of Zoosk faster, smaller, smarter, and more powerful!

◇ **Lead Software Engineer** at **Zoosk Inc.**, San Francisco .... August 2015 - May 2017

- Led a team of up to 8 developers in Browser (Javascript) and Growth (Full Stack) teams and managed to build and ship tens of features at Zoosk.
- Ran planning, scheduling, resourcing, and deploying code for 40+ Agile sprints of 2 week each.
- Delivered tens of new features, technical projects, and winning improvements with the team, and collectively worked with the management to refine our processes and systems. (Blog post about "Bugs are VIP at Zoosk" available at http://zsk.cm/2simFhn)
- As the hiring manager conducted more than 100 phone and onsite interviews to grow the team to double and shrink when required.
- Spoke at FutureStack 2016 conference about why Initial Page Load time of our Single Page Applications is important to us at Zoosk and what we did to measure and improve that. (Video available at https://youtu.be/NiCanLZrmDw)

◇ **Software Engineer** at **Zoosk Inc.**, San Francisco ....Feb 2013 - August 2015

- As a member of Web team worked on a huge codebase of 350,000 lines of Javascript code on top of Google Closure, AngularJS, and a lot of PHP in the backend.
- Developed tens of new features at our Desktop Web application client; created many tools, documentations, and patterns in the codes; and fixed hundreds of bugs.
- Designed and implemented a system to reduce the load of Web client on back-end by 3% via batching the AJAX calls through a client-side buffering mechanis. (Blog Post at http://zsk.cm/2si8Cs4)

◇ **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.

◇ **Open Source Software Developer** .... 2004 - 2010

Designed, implemented and maintained two open source web-based projects:

○ **Phormer (at p.horm.org/er): Open Source Photo Gallery Manager**   Since 2006

Phormer is a light-weight (120KB) photo gallery manager in PHP and Javascript, without MySQL. It has been downloaded around 40,000 times and has Persian and French translations.

○ **PsycHo (at psyc.horm.org): Open Source Weblog Template Generator**   Since 2005

PsycHo is a WYSIWYG template generator for weblogs to help users to customize elements of their weblogs without technical skills. It's has had almost 1 million hits in English and Persian.

◇ **Project Manager** at **T.A.Pasargad Co.**, Tehran, Iran. .... Winter 2010

Managed Localization of of *Apache Lucene* (an open-source search engine library in Java) into Persian, and utilized heuristic techniques for tokenizing Persian words based on my B.E. thesis.

◇ **Software Engineer Intern** at **FarsiWeb Inc.**, Tehran, Iran 2003 - 2005, and 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 the Center of Industrial Workshops of Sharif University.
- Learned basics of software design and developement, as well as working in a friendly team.
- Contributed to FarsiFonts 3.0 Installer for Sharif Linux, a localized GNU Linux based OS.

EDUCATION	◇ Dropped Out **M.Sc. in Artificial Intelligence**, Sharif University of Tech, Iran 2009 - 2012

EDUCATION

◇ Dropped Out **M.Sc. in Artificial Intelligence**, Sharif University of Tech, Iran 2009 - 2012
Thesis: *"Proposing and Evaluating New Operators in Evolutionary Algorithms"*
Passed all courseworks including *Evolutionary Algorithms, Machine Learning, Pattern Recognition, Natural Language Processing, Complex Dynamical Networks, Digital Signal Processing, Neural Networks, Fuzzy Systems.*

◇ **B.E. in Computer Engineering**, Sharif University of Technology, Iran   2004 - 2009
Thesis: *"Proposing a New Content-Based Similarity Measure between Persian Weblogs"*

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.

▷ **Sharif University of Technology**: Undergraduate and Graduate Study
  ◇ **Awarded as Outstanding Student** by the university president.   2004, 2009, and 2010
  ◇ **Awarded 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**: International Olympiad in Informatics for high school 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

▷ **ACM-ICPC** and **IOI** related
  ◇ Member of the National Committee for IOI at Young Scholars Club … Summer 2010 - Present
  ◇ 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 Students Summer Camp for IOI at Young Scholars Club ….. Summer 06, 07 & 08

▷ **Sharif University of Technology** (Undergraduate and Graduate Study)
  ◇ 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 Extracurricular Courses: *Simple Webbing* (Basics of Web Developement) and *Programming From One* (Coding Techniques, focused on C++ & STL) …….. 2007 - 2008
  ◇ Held a photography exhibition titled *"The afternoons I came home late"* containing 30 abstract photos taken in the first 3 years of undergrad ……………………………… Feb 2008

PUBLICATION

600 Multiple Choice Problems on Data Structures and Algorithms (Book in Persian)
Co-authored with Prof. Mohammad Ghodsi, Fatemi Publication ………………………Dec 2012

HOBBIES

Writing (Short Stories), Photography, Learning new [human] languages, Trying out new products from Amazon.com, and Fixing car scratches!

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