Pooria Azimi

Curriculum Vitæ

http://bit.ly/pooria-azimi-cv

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Education

Oregon State University (Corvallis, OR)
M.Sc. student and Research Assistant in **Software Engineering and HCI** group, 2014–2016 *(expected)*

Amirkabir University of Technology (Tehran, Iran)
B.Sc. in **Computer Science**, 2008–2014

Work Experience

FindTheBest (Santa Barbara, CA)
Engineering Intern, Summer 2015 *(expected)*

Technical skills

Programming Languages
Experienced: **Java** – **Ruby** – **Objective-C** – **JavaScript**
Familiar: **Swift** – **Scala** – **C** – **Erlang** & **Elixir** – **PHP**

Databases
Used extensively: **PostgreSQL** – **MongoDB** – **Redis**
Used occasionally: **Neo4j** – **MySQL** – **MS SQL Server**

Server-side Web development
Experienced: **Ruby on Rails** – **Node.js** – **Sinatra** – **PHP**

Client-side Web development
Limited experience: **Backbone.js** – **Ember.js**
Always prefer to use: **HAML** – **Sass** – **CoffeeScript**

Miscellaneous
Source Control Management (**Git** – **Mercurial**)
UNIXish tools (**vi**, **awk**, **sed**, etc.)
BDD – **ANTLR** – **nginx** – **WebKit** – **LaTeX**

Research Projects

WavePipe
September 2014 – present

I'm working on a USDA-sponsored software that enables health science researchers to run studies that require monitoring subjects via mobile devices.

(Java EE – MySQL – DataNucleus)

Targoman
November 2013 – June 2014

An online, computer-assisted translation manager software, which using Targoman's translation engine, would help teams of translators with their jobs by providing features like automatic translation, spell- and grammar-checking, translation memory, and terminology manager. I also built targoman.com's new home page and many internal analytics tools.

(Ruby on Rails – Ember.js – PostgreSQL – Node.js)

July 2011 – April 2012

Kavandeh Search Engine

Improving link-based Web page ranking algorithms in a Persian-only search engine, using various statistical and heuristic methods.

Our team of two heavily improved upon Nutch's scoring, parsing, crawling, and spam detection submodules, and used WebKit's rendering engine for detecting semantically significant parts of a (rendered) Web page and assigning more weight to links in such areas.

(Apache Nutch & Solr – WebKit – Java – C++)

March 2012 – June 2012

Visual WebPage Segmentation

Detecting Web page structure with statistical analysis of the visual representation of the rendered page content, and using that structure for improving ranking algorithms in a search engine.

(Node.js – PhantomJS – MongoDB)

Baygan Database
January 2011 – June 2011

An extendable and clearly-modulated framework for introducing students to the intricacies of relational database design. Inspired by pintos.

(Java – ANTLR)

June and July 2010

Embedded Search Engine

A complete, single-purpose search engine (all parts written from scratch), designed to use minimal online memory (60 MB), for indexing and searching the contents of the English Wikipedia.

(Java)

Miscellaneous Projects

BetterDictionary

(Objective-C – Cocoa)

Standardized Tests

TOEFL iBT		GRE General	
Reading	**30**	Verbal Reasoning	**164** (%93)
Listening	**30**	Quantitative Reasoning	**170** (%98)
Speaking	**27**	Analytical Writing	**4.5** (%78)
Writing	**29**		
Total	**116**		

Awards and Honors

- **2nd place** at 13th International Data Mining Cup (Berlin)

References

Christopher Scaffidi (Assistant Professor, School of EECS, Oregon State University)
http://web.engr.oregonstate.edu/~cscaffid – Email

Shahram Khadivi (Assistant Professor, Amirkabir University of Technology, Iran)
http://ceit.aut.ac.ir/~khadivi – Email