

# 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** – **L<sup>A</sup>T<sub>E</sub>X**

## 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	<b>30</b>	Verbal Reasoning	<b>164</b> (%93)
Listening	<b>30</b>	Quantitative Reasoning	<b>170</b> (%98)
Speaking	<b>27</b>	Analytical Writing	<b>4.5</b> (%78)
Writing	<b>29</b>		
Total	<b>116</b>		

## AWARDS AND HONORS

- **2<sup>nd</sup> place** at **13<sup>th</sup> 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