

# Pooria Azimi

## Curriculum Vitæ

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



+ 1 (541) 602-7426  
azimip@onid.oregonstate.edu



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><br>(%93) |
| Listening    | <b>30</b>  | Quantitative Reasoning | <b>170</b><br>(%98) |
| Speaking     | <b>27</b>  | Analytical Writing     | <b>4.5</b><br>(%78) |
| Writing      | <b>29</b>  |                        |                     |
| <b>Total</b> | <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

## 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

## TECHNICAL SKILLS

### Programming Languages

Experienced: **Java** – **Ruby** – **Objective-C** – **CoffeeScript**  
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.