

Nima Joharizadeh

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EDUCATION	B.Sc. in Computer Science School of Mathematics, Statistics and Computer Science University of Tehran, Tehran, Iran	September 2009–Present
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Cumulative Grade Average: 15.80/20 (Last two years: 16.28/20)

Relevant courses: (GPA: 18.22/20)

Discrete Mathematics (20/20), Theory of Computation (20/20), Foundations of Mathematical Sciences (20/20), Coding Theory (20/20), Formal Languages and Automata (19.5/20), Numerical Linear Algebra (19.5/20), Foundations of Computer Systems (19/20), Algorithmic Graph Theory (18.7/20), Operating Systems (18.5/20), Software Engineering (18/20), Math. for CS (17.3/20), Logic in CS (17/20), Programming Languages (16.5/20), Design and Analysis of Algorithms (16/20), Data Structures (15.5/20), Compiler Design and Implementation (15.5/20).

PUBLICATIONS	▷ Alizadeh, M., Joharizadeh, N. <i>Counting weak-Heyting algebras [submitted]</i> , (October 2013)
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HONORS AND AWARDS	▷ Prof. Haydeh Ahrabian scholarship ◊ Awarded by the department to outstanding students	November 2013
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	▷ Java Challenge Winner Team ◊ Countrywide Java competition held in Sharif University of Technology ◊ 3rd place among 27 teams, Tehran, Iran	February 2013
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OPEN SOURCE SOFTWARE / MISC. PROJECTS	▷ Docopt RACC and Docopt.rb ¹ Command-line option parser. Domain Specific Language (DSL) Ruby port of <i>Docopt</i> project (written originally in Python)	July 2012 - Present
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	▷ Online query runner for Visser algebras ² Direct result of the paper <i>Counting weak-Heyting algebras</i> , written in Ruby	August 2013
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	▷ prrg.ex ³ An implementation of “prorogues” in Elixir language	November 2013
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	▷ Adobe Color File Generator ACO file generator, written in PHP Nominated entry for <i>phpclasses.org Innovation Award (March 2007)</i>	March 2007
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	▷ dbgrx86 A Debugger written in x86 assembly (NASM, Linux) and C Course project for Fundamentals of Computer Systems course	June 2010
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A comprehensive list of open source projects is available on my github⁴ profile.

¹<http://docopt.org>

²<http://wh-algebras.herokuapp.com>

³<https://github.com/johari/prrg.ex>

⁴<https://github.com/johari>

WORK EXPERIENCES	<p>▷ Software Developer April 2013–August 2013 <i>Rubako</i>, Tehran, Iran.</p> <ul style="list-style-type: none"> ◊ As a Python developer in Rubako, responsible for several projects, including: ◊ Internal git training and development workflow ◊ Back-end development of a daily deal website ◊ Design and implementation of a recurrent billing system <p>▷ Software Developer Summer 2012 <i>Aylien Inc. (Now located in Dublin, Ireland)</i>, Tehran, Iran.</p> <ul style="list-style-type: none"> ◊ Semantic web startup company
OTHER EXPERIENCES AND ACTIVITIES	<p>▷ During Undergraduate Study at University of Tehran</p> <ul style="list-style-type: none"> ◊ Teaching Assistant at School of Mathematics <ul style="list-style-type: none"> ◦ Formal Languages and Automata Theory Fall 2012, Fall 2013 ◦ Coding Theory Spring 2013 ◦ Fundamentals of Computer Systems Spring 2013 ◦ Logic for Computer Science [Prolog Instructor] Spring 2012 ◊ Talks and presentations at School of Mathematics <ul style="list-style-type: none"> ◦ Conway’s game of life and the Glider emblem November 2011 ◦ Introduction to “Prolog” programming language 2012 ◦ An introduction to Ruby on Rails 2012 ◊ Member of the Computer Science Students Scientific Council at School of Mathematics Academic Year 2011-2012 Responsibilities included maintaining the Linux server of the council (software repository mirror and file server), arranging talks and seminars, setting up course wikis, etc. <p>▷ Allameh Helli 3 Junior Highschool <i>Affiliated with the National Organization for Development of Exceptional Talents (NODET)</i></p> <ul style="list-style-type: none"> ◊ Pascal Instructor for Extra-Curricular Programming course September 2011 - February 2012 Taught basic programming concepts, algorithms and data structures to junior high school students using Pascal Programming language.
TEST SCORES	<p>▷ TOEFL IBT (November 2013): 111/120 <i>Reading 27/30, Listening 29/30, Speaking 26/30, Writing 29/30</i></p> <p>▷ GRE General (November 9th 2013): <i>Verbal ??/170, Quantitative ??/170, Analytical Writing ??/6</i></p>
SKILLS	<ul style="list-style-type: none"> ◊ Working-level experience with: Ruby, Javascript, Python ◊ Familiar with: Prolog, C, Scheme, Common LISP, Java, C++, x86 Assembly (NASM/linux), Pascal, Elixir, Coffeescript, XHTML/CSS, php, MATLAB, L^AT_EX, YACC, RACC, Bison ◊ Databases: PostgreSQL, SQLite, MySQL, MongoDB ◊ Web Frameworks: Ruby on Rails, Sinatra, Django ◊ Operating Systems (user and/or sysadmin): GNU/Linux, Unix-like systems ◊ Version Control: Git
HOBBIES	<p>cube solving, web-comics, short stories, amateur film acting, contributing to open-source projects, jogging, biking</p>