Farshad SAHAFZADEH

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Tehran, Iran	21 March 1992
PHONE:	+98 935 4646371
EMAIL:	f.sahafzadeh@gmail.com
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MAJOR AREAS OF INTEREST

- Software Architecture and Design
- Web Application Scaling and Performance

EDUCATION

CURRENT
Undergraduate Degree in SOFTWARE ENGINEERING
University of Tehran, Tehran
Thesis: "Microservices Architecture in Practice" | Advisor: Dr. R. KHOSRAVI
GPA: 16.2/20

JUNE 2009
Diploma in Mathematics and Physics Discipline
Mouood High School, Tehran, Iran
GPA: 19.57/20

COMPUTER SKILLS

Technical:	Software Architecture and Design, Object-Oriented Design, Internet Engineering, Software Testing, User Experience
Back-End Development:	Node, Ruby on Rails, JavaEE, Codeigniter
Front-End Development & Design:	AngularJS, Javascript, JQuery, CSS3, Adobe Photoshop, Bootstrap, Foundation, Grunt, Bower
System Programming:	C, C++, Java, C#, Python, Windows Form (.Net), WPF (.Net)
Databases:	MongoDB, PostgreSQL, MySQL, SQLite

WORK EXPERIENCE

Current
MAR 2014

Full-Stack Web Developer at Vilap Co., Tehran
Cheshmak

Cheshmak is a mobile analytics platform. It's currently under development and its goal is to help mobile devs to track usage of their apps. We have used *ExpressJS* and *MongoDB* to create our scalable back-end and *AngularJS* to make front-end fast and flexible.

JUN-OCT 2013

Web Designer & Full-Stack Web Developer at IPM, Tehran
Cognitive Neuroscience Competition for High school

Developed and designed a unique multi-media website for competition. Also provided an admin dashboard for uploading media and news.

SUMMER 2013

Front-End Developer at UT SUMMER OF CODE, *Tehran*
Khoone (Demo)

Drag and drop homepage builder based on simple widgets.

FEB-MAR 2013

Full-Stack Web Developer at UT SUMMER OF CODE, *Tehran*
Official Website of UT Summer of Code

Teaching Experience

Fall 2014	**Software Engineering**	
	Teaching Assistant, Dr. Shekoufeh Kolahdouz Rahimi, ECE, UT	
Spring 2014	**An Introduction to UI/UX**	
	Instructor, ECE, UT	
Spring 2014	**Internet Engineering**	
	Teaching Assistant, Dr. Shafiei, ECE, UT	
Spring 2014	**System Analysis and Design**	
	Teaching Assistant, Dr. Fatemeh Ghasemi, ECE, UT	
Fall 2013	**Artificial Intelligence**	
	Teaching Assistant, Dr. Maryam Mirian, ECE, UT	
Fall 2013	**Advanced Programming**	
	Teaching Assistant, Dr. Ramtin Khosravi, ECE, UT	
Spring 2012	**Advanced Programming**	
	Teaching Assistant, Dr. Ramtin Khosravi, ECE, UT	
Fall 2012	**Fundamentals of Computing Systems and Programming**	
	Teaching Assistant, Dr. Hadi Moradi & Dr. Mahmood Reza Hashemi, ECE, UT	

Academic Projects (Selected)

Fall 2013	**SettleMe** *Software Engineering*	
	Used: JavaEE, Bootstrap, JSTL, HTML5, CSS3, AJAX, JavaScript, Jquery	
Spring 2013	**IFEMS** *Internet Engineering*	
	Used: JavaEE, Bootstrap, JSTL, HTML5, CSS3, AJAX, JavaScript, Jquery	
Spring 2013	**Online Book Store** *System Analysis and Design*	
	Used: UML Diagrams, JavaEE, Bootstrap, JSTL, HTML5, CSS3	
Fall 2012	**Hex Game AI Agent** *Artificial Intelligence*	
	Used: Minimax Algorithm, Python	
Fall 2012	**Multi-Threaded File Transferrer** *Operating Systems*	
	Used: System C, Socket Programming, Multi-Thread Programming	
Spring 2012	**Pipeline Implementation of a MIPS-like processor** *Computer Architecture*	
	Used: Verilog, Modelsim	
Fall 2011	**Prawl** *Data Structures*	
	Used: Java, Swing, B+ Tree, Hash Map	
Spring 2011	**Mathematical Expression Parser** *Advanced Programming*	
	Used: C++, Object-Oriented Design, FLTK	
Fall 2010	**Spread Sheet** *Fundamentals of Computing Systems and Programming*	
	Used: C	

Organizations

May 2014	Member of Students' Representative Council
Sept 2011	School of Electrical and Computer Engineering, University of Tehran, Tehran

Languages

Persian:	Mothertongue
English:	Fluent

Interests and Activities

Web Applications, Software Architecture, UI/UX
Photography, Graphic Design, Traveling