

ARMAN SHAHBAZIAN

SOFTWARE ENGINEER

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EDUCATION

Doctor of Philosophy in Computer Science

University of Southern California, Los Angeles, USA
Advisor: Prof. Nenad Medvidovic
Expected 2018

Master of Science in Computer Science

University of Southern California, Los Angeles, USA
2015

Bachelor of Science in Computer Engineering

Sharif University of Technology, Tehran, Iran
2013



WORK EXPERIENCE

Google

Software Engineering Intern, 2017
Ads and Youtube team.

Google

Software Engineering Intern, 2016
Focused on improving the quality of Google's mobile advertisements. The project was selected as the distinguished intern project by the vice president of advertising.

USC Distance Education Network (DEN)

Software Engineer, 2014
Worked in a team comprising artificial intelligence researchers and software engineers tasked with developing a real time question and answer system for USC DEN.

Peyke Bartar

Web Designer & Developer, 2012-2013
Designed and developed Bartarinha.com, the first and most popular online business directory in Iran with more than 200'000 views a day, and led the efforts in developing its Android and iOS applications with over 100'000 installations.

Tehran's Department of Road and Transportation (TDRT)

Software Analyst & Lead Developer, 2011
Designed and developed TDRT's first online registration system.



TECHNOLOGIES

Databases	MS SQL Server, MySQL, BigTable, Spanner
Frameworks	ASP.net MVC, Symfony, Android, gRPC
Tools	MS Project, Firebase, IIS, SSMS
Dev Environments	Visual Studio, IntelliJ, Eclipse
Operating Systems	Windows, Ubuntu, Mac
Mobile Platforms	Android, iOS, WinRT



PROGRAMMING LANGUAGES

Java	● ● ● ● ● ● ● ● ● ●
C#	● ● ● ● ● ● ● ● ● ●
C++	● ● ● ● ● ● ● ● ● ●
Python	● ● ● ● ● ● ● ● ● ●
Javascript	● ● ● ● ● ● ● ● ● ●
HTML	● ● ● ● ● ● ● ● ● ●
CSS	● ● ● ● ● ● ● ● ● ●
PHP	● ● ● ● ● ● ● ● ● ●
SQL	● ● ● ● ● ● ● ● ● ●



SELECT PUBLICATIONS

An Empirical Study of Architectural Change in Open-Source Software Systems
In 12th IEEE Working Conference on Mining Software Repositories (MSR 2015).

Detecting Event Anomalies in Event-Based Systems
In 10th Joint Meeting of the European Software Engineering Conference and the Foundations of Software Engineering (ESEC/FSE 2015).

Automated Extraction of Rich Software Models from Limited System Information
In 13th Working IEEE/IFIP Conference on Software Architecture (WICSA 2016).

A SEALANT for inter-app security holes in android
In 39th International Conference on Software Engineering (ICSE 2017).



HONORS AND AWARDS

Academic Professional Development (APD) Fellowship
USC, 2014

Accepted to PhD Program on Full Scholarship
USC, 2013

Ranked 1st Based on Cumulative GPA
Sharif University of Technology, 2013

Gifted Student Award
Sharif University of Technology, 2012

Top 0.05% in the National University Entrance Exam
Entrance exam, among 500,000 participants, Iran, 2009



LANGUAGES

English	● ● ● ● ● ● ● ● ● ●
Farsi	● ● ● ● ● ● ● ● ● ●
Arabic	● ● ● ● ● ● ● ● ● ●



ACTIVITIES

USC Iranian Graduate Student Association, **President**
USC Computer Science PhD Committee, **Board Member**