

❖ RESEARCH INTERESTS

- ▶ Software Engineering, Esp. Software Architecture and Design Patterns
- ▶ Cloud Computing and SaaS Solutions
- ▶ Information Systems Analysis and Design
- ▶ Human Computer Interaction

❖ EDUCATION

Sharif University of Technology — 2011-Present

B.Sc. in Computer Engineering, Information Technology

- GPA: **15.03/20**
- Last Year's GPA: **17.91/20**, Last Two Years' GPA: **17.07/20**
- Relevant Courses: Web Programming (**20/20**), Mobile Programming (**20/20**), Software Engineering (**19/20**), System Analysis and Design (**18/20**), Introduction to Information Technology (**18.5/20**), Human Computer Interaction (**18.3/20**), Operating Systems (**18.1/20**)

❖ AWARDS & HONORS

- ▶ Ranked **3rd** in *Nationwide Java Challenge AI Contest* amongst 150 teams, 2015
- ▶ Admission To **Sharif University of Technology**, 2011.
- ▶ Ranked **365th** among ~300,000 participants in *Iranian Nationwide University Entrance Exam*, 2011.

❖ WORK EXPERIENCE

Software Engineering Intern at Asr Gooyesh Pardaz — Summer 2015

I developed a mechanism for crawling millions of Persian webpages, with a focus on social networking websites, and parsing the data for machine learning usages.

Software Engineering Intern at Beep — Summer 2014

Developed an Android application intended for football fans to follow the news and engage in real-time online discussion with other fans.

❖ TEACHING EXPERIENCE

Teaching Assistant, Sharif University of Technology

- ▶ *System Analysis & Design*, Dr. A. Heydarnoori, Fall 2015: Holding tutoring classes, Helping students complete projects.
- ▶ *Software Engineering*, S. E. Abtahi, Fall 2015: Defining assignments, Holding tutoring classes.
- ▶ *System Analysis & Design*, S. E. Abtahi, Spring 2015: Defining assignments, Holding tutoring classes.
- ▶ *Advanced Programming with Java*, P. Dodangeh, Fall 2013, Spring 2015: Defining assignments and quizzes.
- ▶ *Introduction to Information Technology*, S. E. Abtahi, Spring 2014, Fall 2014: Holding tutoring classes.
- ▶ *Introduction to Information Technology*, Dr. A. A. Nazari, Spring 2014, Spring 2015: Defining assignments, Holding tutoring classes.
- ▶ *Technical & Scientific Presentation*, S. E. Abtahi, Spring 2013: Defining assignments, Holding tutoring classes.

❖ RESEARCH EXPERIENCE

Research Assistant, Sharif University of Technology

Member of **Ambient Intelligence Laboratory**, under supervision of Dr. A. A. Nazari Shirejini — 2015–Present

Analysis, design and evaluation of a students' intelligent portal intended to facilitate the process of resolving potential issues of educational environments.

Factors Affecting Adaptation of E-Commerce in Iran, under supervision of Dr. A. A. Nazari Shirejini — 2015

A empirical study of various factors affecting trust in adoption of electronic commerce among Iranian users.

Member of **Automated Software Engineering Laboratory**, under supervision of Dr. A. Heydarnoori — 2014–2015

Tarnama: My B.Sc. thesis project. A mobile app for Android devices that created dynamic puzzles based on images.

Intelligent Educational Environment, under supervision of Dr. A. A. Nazari Shirejini — 2014

I was part of a research team that aimed to design an intelligent environment to improve performance and learning through user research and situation analysis.

❖ NOTABLE PROJECTS

- ▶ **Non-Resident Iranian Experts and Scientists Partnership System:** *Worked as UML modeler, software architect and web software developer in a project that helped scientists find research centers to collaborate with.*
- ▶ **What the Film:** *What the Film is a web application implemented in Python and Django where users would rate and review their favorite films, connect to their friends and read their reviews.*
- ▶ **Evolution:** *It was a multi agent simulation of an imaginary world, to investigate what attributes helped a species survive. It was implemented in Java.*
- ▶ **CE Wars:** *A real time, tower defense game designed and implemented in Java. It could also be played with 2 players connected over a network.*
- ▶ **Nikbad:** *It was a tele market where sellers had virtual window fronts, and users could purchase desired items. Nikbad was implemented using Python, Django.*
- ▶ **ChatJS:** *A messaging software that enabled real-time bidirectional event-based communication, implemented using the capabilities of NodeJS.*
- ▶ **Wake App:** *A social network for Android users that chose to be woken up by random people who also used this application instead of with an alarm.*
- ▶ **Visualization of Sorting Algorithms:** *It was intended to graphically demonstrate the step by step process of sorting with various algorithms. Implemented in C, using GTK+.*

❖ SKILLS

Languages	Persian (Native), English (Fluent)
Programming Languages	Java, Python, C/C++, MATLAB, Android Development Kit
Web/DB Technologies	HTML, CSS, Javascript (Nodejs, AngularJS), Django, MySQL, MongoDB
Tools	Android Studio, IntelliJ IDEA, Eclipse, PyCharm, Altera Quartus, Microsoft Word, LaTeX, Git
Operating Systems	Microsoft Windows, Linux (Esp. Ubuntu)

❖ TEST SCORES

TOEFL (September 2015): Internet-based Test, **117/120**.

Reading (29/30), Listening (30/30), Speaking (30/30), Writing (28/30)

❖ ACTIVITIES

Technical Staff in ACM-ICPC Asia Tehran, held at Sharif University of Technology, 2013, 2014

Software Developer at 4th Tehran Startup Weekend, held at Amirkarbir University of Technology, 2013

❖ INTERESTS & HOBBIES

Playing the Guitar, Electrical & Classical

Sports, Especially Football