

Iman Tabrizian

Curriculum Vitae

Contact Info

Email Tabrizian@aut.ac.ir
Mobile +989377371367
Home +982122774661
Github github.com/tabrizian

Interests

- Internet of Things (IoT)
- Computer Networks
- Web development

Education

- 2010–2014 **Diploma of mathematics and physics**, *Rouzbeh High School*, Tehran, Iran.
◦ GPA 19.34 / 20
- 2014–current **Undergraduate sophomore, Computer Engineering**, *Amirkabir University of Technology*, Tehran, Iran.
◦ Current GPA is 18.35 / 20 (50 / 144 units)

Honors and Awards

- 2016 Presenter at 8th Amirkabir Linux Festival
- 2016–current Member of the IOT laboratory, Amirkabir University of technology
- 2015 Eligible to choose second major due to outstanding performance
- 2014 First team among all the entrance participants in 14th ACM-ICPC, Amirkabir University of technology.
- 2015 Among the finalists of the 7th Java Challenge.
- 2015 Participated in the 16th ACM-ICPC of West Asia, Sharif University of technology, Tehran, Iran.
- 2012 Accepted in the first phase of the Computer and Mathematics National Olympiad.

Teaching Experiences

- 2015 Teaching Assistant, Introduction to Programming, Amirkabir University of technology, Under supervision of Prof. Bakhshi.

2016 Teaching Assistant, Advanced Programming, Amirkabir University of technology,
Under supervision of Prof. Noorhosseini.

2014–2016 Teacher, Introduction to programming with C++, Rouzbeh High school, 6 semesters.

■ Certifications

- ICDL certificate from Iran ICDL.

■ Projects - Available on github.com/tabrizian

- J Lamp IOT Lab project for turning series of lamps on and off and also providing RESTful webservices for turning them on and off.
- Game of Life
Implementation of a simple playerless (!) game - C
- RoboKill
Implementation of RoboKill game - JAVA
- Shogi
Implementation of Shogi japanese chess - JAVA
- JBrowser
Implementation of a simple browser - JAVA
- iChat
Implementation of a simple chatting application - JAVA
- Guess Number
Implementation of a simple guessing game, this was also ran on AlteraDE2 board - Verilog HDL
- Iran Metro - Not available on github
An application for timetables and facilities of the metro station.
Selected as the SELECTED NEW APP OF THE WEEK by cafebazaar (Iranian Android Market)

■ Skills and Expertise

- Programming Languages
 - More Familiar
C, C++, Java, VHDL, PHP Laravel
 - Familiar
Verilog HDL, MATLAB, HTML, CSS, Javascript
- Type Settings
L^AT_EX, Microsoft Word, LibreOffice, VIM
- Hardware Simulators
ModelSim, Quartus, ghdl
- Database Management
MySQL, MongoDB, SQLite, SQL Server
Familiar with SQL and NoSQL databases.
- Operating System
Microsoft Windows, Linux (Ubuntu)
- IDE
Eclipse, Android Studio, IntelliJ IDEA, CLion
- Platforms
Android

- Commandline tools
Familiar with common linux terminal tools for day to day events, tmux, ssh, ...
- Build Automations
Makefile, Gradle, Maven, CMake
- Misc
Docker ♥

████████ Undergraduate courses

- Introduction to Programming (19.5 / 20)
- Advanced Programming with Java (20 / 20)
- Data structures and algorithms (20 / 20)
- Digital systems design (17.5 / 20)
- Electrical circuits (19.54 / 20)
- Engineering Statistics (19.7 / 20)
- Algorithm Design (20 / 20)
- Principles of database design (17.7 / 20)
- Theory of machines and languages (18.5 / 20)

████████ Languages

- Persian (Native Proficiency)
- English (Professional Working proficiency)