

# Iman Tabrizian

## Curriculum Vitae

### Contact Info

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Github [github.com/tabrizian](https://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 14<sup>th</sup> ACM-ICPC, Amirkabir University of technology.
- 2015 Among the finalists of the 7<sup>th</sup> Java Challenge.
- 2015 Participated in the 16<sup>th</sup> 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](https://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<sup>A</sup>T<sub>E</sub>X, 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)

## ████████ Languages

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