

# 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 18.47 / 20 (68 / 144 units)

### Honors and Awards

- 2016 Presenter at 8th Amirkabir Linux Festival
- 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.

### Work Experiences

- 2016–current Member of the IOT labratory, Amirkabir University of technology
- Summer Internship at DATAx componay, Fanap Holding Group
- 2016

## 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

- o ICDL certificate from Iran ICDL.

## Projects - Mostly Available on [github.com/tabrizian](https://github.com/tabrizian)

- 2016 IOT Lab project for turning series of lamps on and off and also providing RESTful webservices for turning them on and off.
- 2016 Creation of NovinNet working application for networking 250 welding robots for Iran Khodro
- 2015-2016 Iran Metro - An application for timetables and facilities of the metro station. Selected as the SELECTED NEW APP OF THE WEEK by cafebazaar
  - 2016 Goldoon - Project for monotring your flowers humidity using nodemcu and rpi (Iranian Android Market)
- 2015 RoboKill Implementation of RoboKill game
- 2015 Implementation of a simple guessing game, this was also ran on AlteraDE2 borad - Verilog HDL

## Skills and Expertise

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