

# MOHAMMAD ALI ARABYAZDI

Dept. Computer Engineering Amirkabir University, Hafez Ave., Tehran, Iran  
ma.yazdi75@gmail.com • ma.yazdi75@aut.ac.ir • (+98) 912 037 1375 • <https://aliyazdi75.github.io>

## EDUCATION

**Amirkabir University of Technology**, (Tehran Polytechnic), Tehran, Iran

- Bachelor of Engineering in **Computer Engineering, Software** Sep 2015 – Jan 2020
  - Thesis: Designing and Implementing Location Based Social Network Recommendation System
  - Adviser: **Prof. Mohammad Rahmati**
  - Focus: Artificial Intelligence, Software Engineering, Data Analytics.
  - Technologies: Django, Django Rest Framework, Tensorflow, Flutter

**Adab High School**, Tehran, Iran

- Diploma in Mathematics and Physics Sep 2011 – Jun 2014
  - GPA: 19.31 / 20.00

## WORK EXPERIENCE

**Mate Machine Inc.**, North Vancouver, British Columbia, Canada - *Remote*

*Jul 2020 – Present*

**Flutter**

- Preparing the Flutter application for the first launch.

**Tarafdari**, Tehran, Iran

*Jun 2019 – Apr 2020*

**Flutter, Drupal, Laravel, MySQL**

- Tarafdari is the first and most popular sports social media network in Iran, providing official news and live scores of national and international matches.
  - Developing requirement APIs
  - R&D about Flutter framework and Developing Tarafdari's client **application** and requirement plugins in Flutter, that is including multimedia content, live score matches, sports TV streaming with live chat on the socket

## HONORS & AWARDS

- First Place in the 12th Iran Web and Mobile Festival (**IWMF**) Feb 2020  
For the Best Sport Mobile Application among 7k applications
- Ranked in top 0.2% among more than 180K participants Jul 2015  
In Nation-Wide University Entrance Exam among all Iranian Student of Physics and Mathematics
- Qualified for the Second Round of Olympiad among more than 70K participants Jul 2013  
In the Iranian Physics Olympiad and Mathematical Olympiad

## RESEARCH INTERESTS

- Artificial Intelligence
- Machine Learning
- Software Engineering

## LANGUAGES

- Persian: Native language
- English: Fluent, working proficiency

## TECHNICAL SKILLS

- **Programming Languages**  
Dart, Python, Java, C/C++, PHP, Assembly
- **Mobile Development**  
Flutter, Android
- **Database Systems**  
PostgreSQL, MySQL

- **Operating System**  
Linux (Ubuntu)
- **Web Development**  
Django , Django Rest Framework
- **Other**  
Microcontroller Programming, Bash Scripting

## ACADEMIC PROJECTS

- **Programming Languages, racket**  
**NUMEX-Interpreter**: Designing a simple interpreter NUMEX programming language with Racket.
- **Information Security, python**  
**My-Security-Course**: Encryption with MD5, SHA256, DES, working with cryptool software nmap and using ms08\_067 exploitand.
- **Computer Networks, python**  
**DNS-UDP-TCP-Proxy**: A python proxy that receives HTTP packets on UDP then sends them on TCP with DNS server.
- **Microprocessor & Assembly Language, C**  
**Digital-Watch-with-LCD**: A digital watch with LCD and alarm using microcontroller ATMEGA16.
- **Data Structure & Algorithms, Java**  
**Finite-State-Machine**: Creating four types of data structure and searching using AVL-tree, balance-TST, trie-tree and hash.
- **Advanced Computer Programmings, Java**  
**Planet-vs-Zombies**: A 2d game similar to Plant vs Zombies game using java object oriented programming.

[Last Update on 2020-09-25]