

# MOHAMMAD ALI ARABYAZDI

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## 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 With Analysing User Behavior
  - Adviser: **Prof. Mohammad Rahmati**
  - Focus: Artificial Intelligence, Software Engineering, Data Analytics.

**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 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.
  - Studying and Researching about Flutter framework
  - Developing requirement APIs
  - 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

## LANGUAGES

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

## RESEARCH INTERESTS

- Artificial Intelligence
- Machine Learning
- Software Engineering

## TECHNICAL SKILLS

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|--|---|
| ▪ <b>Programming Languages</b><br>Dart, Python, Java, C/C++, PHP, Assembly | ▪ <b>Operating System</b><br>Linux (Ubuntu)                   |
| ▪ <b>Mobile Development</b><br>Flutter, Android                            | ▪ <b>Web Development</b><br>Django                            |
| ▪ <b>Database Systems</b><br>MySQL, SQL Server                             | ▪ <b>Other</b><br>Microcontroller Programming, Bash Scripting |

## ACADEMIC PROJECTS

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|---|--|
| ▪ <b>Programming Languages</b> , <i>racket</i><br><b>NUMEX-Interpreter</b> : Designing a simple interpreter NUMEX programming language with Racket.                               | ▪ <b>Microprocessor &amp; Assembly Language</b> , <i>C</i><br><b>Digital-Watch-with-LCD</b> : A digital watch with LCD and alarm using microcontroller ATMEGA16.                             |
| ▪ <b>Information Security</b> , <i>python</i><br><b>My-Security-Course</b> : Encryption with MD5, SHA256, DES, working with cryptool software nmap and using ms08_067 exploitand. | ▪ <b>Data Structure &amp; Algorithms</b> , <i>Java</i><br><b>Finite-State-Machine</b> : Creating four types of data structure and searching using AVL-tree, balance-TST, trie-tree and hash. |
| ▪ <b>Computer Networks</b> , <i>python</i><br><b>DNS-UDP-TCP-Proxy</b> : A python proxy that receives HTTP packets on UDP then sends them on TCP with DNS server.                 | ▪ <b>Advanced Computer Programmings</b> , <i>Java</i><br><b>Planet-vs-Zombies</b> : A 2d game similar to Plant vs Zombies game using java object oriented programming.                       |

