

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
 - 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.

