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 - *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**
  MySQL, SQL Server

- **Operating System**
  Linux (Ubuntu)
- **Web Development**
  Django
- **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 2020-08-22]