

# ALI YAZDI



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## ABOUT ME

I have been working as a Flutter developer and mobile team leader for two years. I am a CS graduate who interests in using Artificial Intelligence and Software Engineering in my work experiences. I am an open-source advocate who helps developers to solve their problems in development. I am looking for a better opportunity and willing to relocate to a new country.

## WORK EXPERIENCE

**Mate Machine Inc.**, North Vancouver, British Columbia, Canada - Remote Jun 2020 – Present


Flutter

- Working as a flutter developer team leader to launch the application in three months.

**Tarafdari**, Tehran, Iran

Mar 2019 – May 2020

Flutter, Drupal, Laravel, MySQL

- Working as mobile application team leader at one of the most popular sport social media. 
  - R&D about Flutter framework and migrating the android application to Flutter application that is including multimedia content, live score matches, sports TV streaming with live chat on the socket.
  - We could reach more than 200k active users on the Google Play Store after migrating to the flutter.

## EDUCATION

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

- Bachelor of Engineering (BSc.) in Computer Engineering, Software, Ranked 2nd in Iran. Sep 2015 – Jan 2020
  - Thesis: Designing and Implementing Location Based Social Network Recommendation System
  - Adviser: Prof. Mohammad Rahmati

**Adab High School**, Tehran, Iran

- Diploma in Mathematics and Physics

Sep 2011 – Jun 2014

## HONORS & AWARDS



- First Place in the 12th Iran Web and Mobile Festival (IWMF) Feb 2020
  - For the Best Sport Mobile Application among 7k applications
- Most installed sport application in Iran May 2020
  - In my first job, we could reach more than 200k active users on the Google Play Store after migrating to the flutter
- 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

## PUBLICATIONS

### MEDIUM

- A. Yazdi, "The Software Engineering approach in Cross-Platform Programming with Flutter (part 1)", Using Software Engineering methods to design and build a fully responsive and adaptive mobile, desktop, and web application, *Flutter Community*, Jan 2021.
- A. Yazdi, "The Software Engineering approach in Cross-Platform Programming with Flutter (part 2)", Designing and building the Flutter application structure using the Bloc pattern in the micro-service architecture, *Flutter Community*, Jan 2021.
- A. Yazdi, "The Software Engineering approach in Cross-Platform Programming with Flutter (part 3)", Designing and building the Flutter application data models and backend using the Build value and Bloc pattern, *Flutter Community*, Jan 2021.

## PROFESSIONAL PROJECTS

- The Flutter Portfolio Application**, Flutter 
  - Designing and Building a responsive Flutter gallery application for any platform.
- The Flutter Gallery Application**, Flutter 
  - Designing and Building a responsive Flutter gallery application for any platform using micro-service architecture.
- The Flutter Media Notification Plugin**, Java, Flutter
  - Designing and Building a Flutter Plugin that helps developers to show their media notification and control streaming media beyond their Flutter application.
- The Location-Based Recommendation System**, Django, Django Rest Framework, Scikit-learn, Flutter
  - Designing and Implementing Location Based Social Network Recommendation System with Django and Flutter.

## RESEARCH INTERESTS

- Artificial Intelligence
- Machine Learning
- Software Engineering

## RESEARCH EXPERIENCE

Artificial Intelligent and Robotics Lab, [Amirkabir University of Technology](#), Oct 2019 – Oct 2020

- Undergraduate Research Student, Science Department
  - Project: Designing and Implementing Location Based Social Network Recommendation System
  - Supervisors: [Prof. Mohammad Rahmati](#)
  - Focus: Artificial Intelligence, Software Engineering, Data Analytics

## 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 2021-01-13]