

# 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. I am an open-source advocate who helps developers to solve their problems in development. I am finding a better opportunity and willing to relocate to the new country.

## WORK EXPERIENCE

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

Jun 2020 – Present

Flutter

- Preparing the Flutter application for the first launch.

**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.
  - Developing requirement APIs.
  - 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.

## EDUCATION

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

Sep 2015 – Jan 2020

- Bachelor of Engineering in **Computer Engineering, Software**
  - Thesis: Designing and Implementing Location Based Social Network Recommendation System
  - Adviser: **Prof. Mohammad Rahmati**

**Adab High School**, Tehran, Iran

Sep 2011 – Jun 2014

- Diploma in Mathematics and Physics
  - GPA: 19.31 / 20.00

## HONORS & AWARDS

- First Place in the 12th Iran Web and Mobile Festival (**IWMF**)  
For the Best Sport Mobile Application among 7k applications Feb 2020
- Most installed sport application in Iran  
In my first job, we could reach more than 200k active users on the **Google Play Store** after migrating to the flutter May 2020
- Ranked in top 0.2% among more than 180K participants  
In Nation-Wide University Entrance Exam among all Iranian Student of Physics and Mathematics Jul 2015
- Qualified for the Second Round of Olympiad among more than 70K participants  
In the Iranian Physics Olympiad and Mathematical Olympiad Jul 2013

## PUBLICATIONS

### MEDIUM

- [1] **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.
- [2] **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.
- [3] **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 2021-01-12]