

Shahriar Yazdipour

Phone: +98 921 278 4410

Tehran, Iran

<https://yazdipour.github.io/>

<https://linkedin.com/in/yazdipour/>

yazdipour@outlook.com

EDUCATION

- **Bachelor of Computer Science** Kharazmi University ¹
2013 - 2017 *Tehran, Iran*
 - **GPA:** 3.4/4.0 Last 90 ECTS/Last 2-Year
 - **Thesis 4.0/4.0** : A Recommendation System for Undergraduate/Graduate Applicants Seeking Financial Scholarship for Studying Abroad (Advisor: Dr.Taherian)
- **Mathematics and Physics Diploma** 2011
Khatam HighSchool GPA: 18.7/20.0 *Tehran, Iran*
- **Relevant University Courses:**
 - **Advanced Programming:** (Ranked 1st) A+
 - **Database:** (Ranked 1st) A+
 - **Compiler:** (Ranked 1st) A+
 - **Mathematical Software:** (Ranked 1st) A+
 - **Probability and Statistics Fundamental:** (Ranked 3rd) A+
 - **Programming Languages Fundamentals:** (Ranked 2nd) A+
 - **Fundamental of Software Engineering:** (Ranked 2nd) A+
 - **Data Mining Fundamentals:** (Ranked 2nd) A+
 - **Fundamental of Real Analysis:** (Ranked 1st) A
 - **Data Structure and Algorithm:** (Ranked 3rd) A
 - **Artificial Intelligence:** (Ranked 5th) A
- **Certifications:**
 - **Web Security (Shahid Beheshti University):** *Aug 2016*
 - **CCNA (Cybertech Co.):** *Jul 2015*
 - **Network+ (Cybertech Co.):** *Jan 2015*

EXPERIENCE

- **Work Experience:**
 - **Software developer at 'GFPishro Startup':** In this start up, working on GIS and Geo Services are the main focus of the team. We developed an Enterprise Software Package for a Gas Company. We also developed indoor navigation application for Android devices using Beacons. *Jan2018-Now*
 - **DotNet Software developer at 'Garno Tejarat' Co.:** 'Garno Tejarat' is an Iranian company, working in the field of medical machines. I was assigned to develop third party computer programs for Hitachi917. My job included daily interactions with employees and colleagues. *Sep2017-Jan2018*
- **Teaching Experience:**
 - **Teacher Assistant - Fundamental of Programming (Dr. Somaye Arabi):** *Fall 2016*
 - **Teacher Assistant - Fundamental of DataBase (Dr. Somaye Arabi):** *Winter 2016*
- **Membership:**
 - **Member of Kharazmi University ACM Society:** *2013-2015*
 - **Student Member of Iranian Society of Machine Vision and Image Processing:** *Since Aug 2017*

INTERESTS

- **Research Interests:**
 - Deep Learning (Working with GANs Or EMG/EEG)
 - Block-Chain Applications

PUBLICATIONS

- **Decision Support for International Students Who Want to Fund Their Graduate Studies** 2017
S.Yazdipour, N.Taherian "(IEEE) International Conference on MachineLearning and DataScience, India"* [Published]

SKILLS

- **Programming Languages:** C#, Python, Java, PHP, VueJS
- **Machine Learning Frameworks:** Keras, Ski-learn, ML.NET, OpenCV
- **Development Experience:** Android, UWP, Xamarin, Unity, Git, Docker
- **Database:** MySQL, SQLite, Neo4j
- **GIS Frameworks:** Mapsforge, OpenLayers, Graphhopper Navigation

PROJECTS ([HTTPS://YAZDIPOUR.GITHUB.IO/APPS/](https://yazdipour.github.io/apps/))

- **Enterprise Cross-platform Indoor mapping Application using Beacons** Xamarin
Android and Windows Indoor mapping Application using beacons in GFP Startup Aug 2018-Now
- **Enterprise Android GIS Application** Java
GIS Application for Gas Company with editable map using spatialite, mapsforge and graphhopper Apr 2018-Now
- **Recommendation System and Data Driven Decision Support** (github.com/yazdipour/DM17) Python
for international student who seeks to study abroad with financial help Sep - Nov 2017
 - We have implemented a technique to bypass vBulletin CMS authentication system to crawl unstructured raw data from it and provide a database and afterwards using data analysis methods such as Decision tree, K-Nearest Neighbor and K-Means to determine chance of getting fund and building a Recommendation system, using Python libraries for data mining and PHP for server side Web crawler.
- **First Iranian UWP Application** (<https://goo.gl/3Z1STA>) C#
iTehran is the First Iranian UWP application consist of Tehrans Public-Transportations full database. Aug 2015
 - Universal Windows Platform(UWP) is a platform-homogeneous application architecture. The purpose of this software platform is to help develop universal apps that run on Windows 10, Xbox One and Hololens.
- **Wireless Garage Door Cracker** Python
Wirelessly opening fixed-code garage door Jul 2017
 - Consist of Capturing sub-1 GHz signals with RTL-SDR and Analyzing them with GQRX and URH(Universal Radio Hacker) and sending signals with YardStickOne
- **Cross-platform YouTube Proxy** (<https://goo.gl/QM2KC5>) Xamarin
A service which provides YouTube for countries in which access to YouTube is restricted. Sep 2017
- **First UWP Pdf viewer with color inverter** (<https://goo.gl/thvb9q>) C#
BlackReader is the 1st UWP pdf viewer app that could invert papers color plus Ink support (+10,000 users) Nov 2015
- **Bot playing Rapid70 Game with OCR and GUI automation** (github.com/yazdipour/Rapider) Python
Game player bot has scored highest point in GooglePlay Leaderboard - using Aspose.OCR & OpenCV Jan 2017
- **Subtitled** (<https://goo.gl/VovdQC>) PHP + C#
An UWP App with a server-side crawler to provide subtitles in many languages with more than 10000 users Aug 2016

REFERENCES

Available Upon Request.