Shahriar Yazdipour

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EDUCATION

- **Masters in Research in Computer & Systems Engineering** — Technische Universitat Ilmenau
  2019 Winter Semester — *Thuringia, Germany*

- **Bachelor of Computer Science** — Kharazmi University [1]
  2013 - 2017 — *Tehran, Iran*
  - **GPA**: 1.9 for Last 90 ECTS
  - **Thesis 20.0/20.0**: A Recommendation System for Undergraduate/Graduate Applicants Seeking Financial Scholarship for Studying Abroad (Advisor: Dr.Taherian)

- **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. *August2018-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/)

- **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*

- **Subtitler** (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.