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EDUCATION

- **Masters in Research in Computer & Systems Engineering** Technische Universität Ilmenau
From 2019 Winter Semester Thuringia, Germany
- **Bachelor of Computer Science** Kharazmi University
2013 - 2018 Tehran, Iran
 - **GPA:** 17/20 (1.9 in German Grade)
 - **Thesis 20.0/20.0** : A Recommendation System for Undergraduate/Graduate Applicants Seeking Financial Scholarship for Studying Abroad (Advisor: Dr.Taherian)
- **Certifications:**
 - **Python 3 Course: Beginner to Advanced (Udemy):** Jan 2020
 - **Web Security (Shahid Beheshti University):** Aug 2016
 - **CCNA (Cybertech Co.):** Jul 2015
 - **Network+ (Cybertech Co.):** Jan 2015

EXPERIENCE

- **Work Experience:**
 - **Software developer at 'GFPishro Co':** In GFPishro, working on GIS was the main focus of our team. We developed an **Enterprise Software Package for a Gas Company**, Including Cross-platform web, desktop and mobile applications. We also developed indoor navigation application for Android devices using Beacons
Oct 2017-Jan 2019
- **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 Persian Society of Machine Vision and Image Processing:** 2017 - Aug 2018

LANGUAGES

- **English:** Fluent
- **German:** Basic
- **Persian:** Native

PUBLICATIONS

- **Github Data Exposure using GraphQL Security Design Flaw (1k\$ Bug Bounty)** 2019
S.Yazdipour, CCSE2020 - The 10th International Conference on Computer and Systems Engineering* [Published]
- **Decision Support for International Students Who Want to Fund Their Graduate Studies** 2017
S.Yazdipour, N.Taherian "(IEEE) International Conference on Machine Learning and Data Science, India"* [Published]

SKILLS & EXPERIENCES

- **Programming Languages:** Java, C#, Python, Kotlin, React
- **Machine Learning Frameworks:** Keras, Ski-learn, ML.NET
- **Platform Development Experience:** Android, UWP, Xamarin Forms, WPF
- **Database:** MySql, SQLite, Neo4j, MongoDB

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-Jan 2019
- **Enterprise Android GIS Application** Java
Editable custom map rendering, On/Offline Navigation with mission manager dashboard 2018-Jan 2019
- **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 Persian UWP Application** (<https://goo.gl/3Z1STA>) C#
iTehran is the First Persian 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
- **PocketX - Windows Pocket Client** (<https://yazdipour.github.io/pocketx>) C#
Unofficial Pocket Client for Universal Windows Platform (Modern with Fluent Design) Jan 2019
- **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