



# Peyman Iravani

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## Work experience

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### Software Engineer (FrontEnd Developer - QA Engineer)

06/2019 - Ongoing

WindTre

On the Behalf of Altran Spa, I am working at WindTre company which is one the top Telecom companies at the Italy.

I am assigned to two projects which are QA engineer and Front-end developer.

Brief introduction about these projects:

1. QA project: At this project we are using the python and selenium package as well as selenium grid in order to the automation for both website and mobile application. Beside using selenium I also using Appium which is integrated to the framework for specific testing of android
2. Frontend project: At this project we are using Angular, HTML5 and CSS3 as well as SASS for creating and maintenance of the Wind E commerce

### Software Engineer

03/2019 - Ongoing

Altran Spa

### NLP developer

2018 - 2018

[Vodafone](#)

This experience refers to the Vodafone Tobi Hackathon. The main idea of this hackathon was design the app that helps disabled people. Our team came with the idea to design the app with the concentration of blind and half-blind people. This app has the frontend of Android and backend was designed by Python with the NLP methodology, at the backend, I designed the NLP which receiving the information from the user over the voice and doing the speech-to-text and then looking at the vocabulary dictionary that provided when it finds it does the text-to-speech and send it to the user. By this idea, our team won the first place

### backend developer

2018 - 2018

[Bosch Gmbh](#)

This experience refers to Bosch mobility hackathon. This event was held at Milan and our team designed the idea for managing park slots at Milan by using GPS sensors and by this methodology we are able to track the cars as well as sending the information to police and firefighters and emergency. The frontend was done by Android and the backend was designed by Nodejs for the tracking system of cars as well as storing the information by the provided API at Database (Database was implemented by MongoDB)

### Internship, Configuration and maintain of HP servers

2012 - 2013

[Shatel Academy](#)

During my internship, I was responsible for the configuration and maintenance of HP servers of Shatel academy by using VMware/VSphere

### Test and monitoring network engineering

2013 - 2014

[Shatel](#)

I was working at the team that consist of 30 people and this team was accountable to support the monitoring infrastructure in delivering and maintaining the system management event monitoring capabilities

## Education

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### Master of Computer and communication network engineering

2014 - 2018

[Polytechnic of Turin](#)

Course projects:

Radio coverage of Ireland by using RadioMobile software –Radio planning course project-July 2016

Network performance and reliability measurement-network measurement lab Project-January 2016

Master thesis:

I was the exchange master student from Polytechnic of Turin to RWTH University of Aachen. The topic of my master thesis was reducing the power consumption inside the datacenter which had two main phases: Prediction and optimization. Phase one referred to the prediction of the behaviour of the consumed inside this environment and it was done by using time-series forecasting and ARIMA (Autoregressive integrated moving average), implemented by Python programming and I got 98% accuracy without overfitting. Phase two was referred to reducing the overall consumed power, which implemented by python programming with the help of Grubi solver and the final result was reducing the consumed power of 13KW.

### Bachelor of software engineering

2008 - 2013

[Damavand Islamic Azad University](#)

## Skills

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#### Python



Python modules: Numpy, Scipy, Pytorch, Keras, Tensorflow, Django, Flask, Pandas,selenium,matplotlib,Appium

#### Nodejs



Node modules: React, Express, mocha,gulp,mongoose,fs-extra,body-parser, chai,Gulp,Bower,Moment, Socket.io ,

#### Angularjs



#### HTML , CSS, SASS, SCSS



#### MongoDB,MongooseCockroachDB,



#### SQL



SQL


MySQL

#### Doker/container, Kubernetes



Oracle 

C , C++ ,C# 

Machine learning algorithms   
Supervised/Unsupervised learning  
Linear Regression  
Logistic Regression  
Classification and Regression Trees  
Naive Bayes  
K-Nearest Neighbors  
Support Vector Machines  
Bagging and Random Forest  
Boosting and AdaBoost,  
Image processing

Version control   
Github, Gitlab

Software development methodologies   
Scrum,Agile,waterfall

Multithread programming 

## Languages: ---

Persian: Mother's tongue

English: C1

Italian: A2

German: A1

## certificates ---

MCSE

MCSA

CCNA

AWS certificates