

# Farnam Mansouri

M +98 920 393 1294

E fmansouri@ce.sharif.edu

## Education

**Bachelor's**, *Sharif University of Technology (SUT)*, Azadi street, Tehran, Iran, **September 2015-present**  
current GPA: (18.01 / 20).

Major in Software Engineering and Minor in Mathematics

**High School**, *Helli 1 High School*, **September 2011 – June 2015**  
Lashkar blvd., Tehran , Iran.

Affiliated with the National Organization for the Development of Exceptional Talents (NODET)

**Secondry School**, *Helli 1 Secondry School*, **September 2007 – June 2011**  
Hasan Abad st., Tehran , Iran.

Affiliated with the National Organization for the Development of Exceptional Talents (NODET)

## Experience

### Research

**Churn Prediction**, *Digital Media Lab*, **June 2017 - January 2018**  
*Sharif University of Technology*, Tehran,  
in this work we purposed a new Variational model for churn prediction problem, using recurrent neural network and point process.

**Gaussian Process Training with Input Noise**, *Bioinformatics Research Lab*, **March 2017 - present**  
*Sharif University of Technology*, Tehran.

### Industrial

**Working as data analyzer**, *Tojal*, **June 2017 - September 2017**  
Tehran, Tojal is a start up that is currently working on recommender system and has most users in Iran, I was working in the AI group.

### Teaching

**Teaching Combinatorics for High School students**, **2015-2016**  
**preparing for Iran National Mathematics competition**  
, *Helli 1 High School*, Tehran.

**Teacher Assistant of Data Design Class**, *Sharif University of Technology*, Tehran, Dr. Abam. **Spring 2017**

**Teacher Assistant of Probability And Statistic Class,    Fall 2016**  
*Sharif University of Technology, Tehran, Dr. Motahari.*

**Teacher Assistant of Probability And Statistic Class,    Spring 2016**  
*Sharif University of Technology, Tehran, A. Hosseini.*

## Honors and Awards

- Silver medal in Iran National mathematics Olympiad

## Languages

**Persian:** Native

**English:** Fluent

## Skills

**Programming Languages:** Python, R, Java, C, C++, Android, Verilog, Assembly, HTML

**Databases:** MySQL, PostgreSQL

**Softwares:** Matlab, Quartus

## Other Skills

**Sports:** Swimming (In the University swimming team), Hiking, Table Tennis, Tennis, Badminton

**Music:** Santoor, a traditional Iranian Instrument

## Interests

**Probability and Statistics:**

**Machine learning and Deep Learning:**

**Algorithms and Theoretical Computer Science:** Approximate Algorithms, Complexity theory

**Optimization:** Linear Programming, Convex Optimization

**Neuroscience:** Specially working on health signals