


# Narges Eghbali

 (+98)9353996544

 [narges.eg97@gmail.com](mailto:narges.eg97@gmail.com)

 [www.linkedin.com/in/narges1997](http://www.linkedin.com/in/narges1997)

## EDUCATION

---

**Shahid Beheshti University, Tehran, Iran**  
*Master of Science in complex systems Physics*  
Ranked 1<sup>st</sup>GPA: 18.33 /20 (4.0/4.0)

Sept. 2020 - Present

**Shahid Beheshti University, Tehran, Iran**  
*Bachelor of Science in Physics*  
Ranked 8<sup>st</sup>GPA: 16.52/20 (3.46/4.0)

Sept. 2015 - Sept. 2019

## RESEARCH EXPERIENCE

---

- Machine Learning's Project: Segmentation of Post-Stroke Lesion Areas **July 2020 – June 2021**
- Data analysis's Project: Clustering and data analysis of Parsian Bank POS device **Nov 2020- Present**
- Bachelor's Project: Statistical Mechanics of Networks **July 2019**
- Designed and Assembled a Spectroscope Capable of Measuring the Spectrum of Light **June 2019**
- Data analysis's Project: Clustering and data analysis of Iran Stock Exchange data **June 2021- Present**

## ACHIEVEMENTS

---

- Accepted directly without an entrance exam at the Shahid Beheshti University for graduate study **Sept 2019**
- **Ranked 8<sup>th</sup> GPA among 47 bachelor students of Physics program, SBU, Tehran** **July 2019**
- **52<sup>th</sup> percentile in the National University Entrance Exam for Master's Degree in Physics** **July 2019**  
(around 5,000 participants)
- **1230<sup>th</sup> in the National University Entrance Exam for Bachelor's Degree** **July 2015**  
(around 200,000 participants)

## SELECTED COURSES

---

- Computational Physics, 20/20 (Ranked 1<sup>th</sup> /16 )
- Stochastic Processes, 19/20 (Ranked 1<sup>th</sup> /6 )
- Thermodynamics and Statistical Physics, 18.75/20 (Ranked 2<sup>th</sup> /20 )

## TEACHING EXPERIENCES

---

### Teaching Assistant, Physics Department, SBU, Tehran

Sept2018 - July 2018

Instructed students on homework, and reviewed student performances against set benchmarks, and held problem solving classes:

- Thermodynamics and statistical mechanics, Dr. S. Sadatgoosheh
- Basic Physics 2, Dr. M. Houshiar
- Basic Physics 1, Dr. M. Houshiar

### Teaching of Python programming language to high school students, Physics Department, SBU, Tehran

Jan 2017 - Sept2017

Learn to write algorithms and solve basic problems with Python language, and held problem solving classes

## TECHNICAL SKILLS

---

- **Programming** Python(Advance), Wolfram Mathematica, C,psql
- **Maching Learning** TensorFlow, Keras, Scikit Learn
- **Visualisation** Matplotlib,seaborn
- **Numeric library** Numpy ,scitlearn,sklearn
- **Documentation** | Libre and Microsoft Office
- **OS** Linux, Windows
- **Others** Image Processing

## WORKSHOPS

---

- Participated in **Data Analysis of Twitter's Data Workshop**, SBU,Iran, Tehran **Oct. 2019**
- Participated in **Machine Learning and Deep learning Workshop**, IPM, Iran, Tehran **Sept. 2019**
- Participated in Winter School of Physics, IASBS,Iran, Zanjan **Feb. 2018**
- Cosmic Field **Statistics Analytical** School **Oct. 2021**
- **Quantum Machine Learning** Workshop 2022(Sharif university) **Feb .2021**

## LANGUAGE SKILL

---

- English *fluent* ( *IELTS to be taken soon* )
- Persian *native*
- Arabic *familiar*

## Research Interests

---

- quantum machine learning
- Complex Systems
- Data analysis
- Biological Data Analysis
- Computational Physics

## HOBBIES

---

- Reading books
- Play Volleyball and swimming and riding bike
- Listening to podcasts and music