

# Mahdi Jalili

✉ mahdi\_jalili@modares.ac.ir    📞 +98 930 597 6341  
📍 Tarbiat Modares, Tehran/Iran    🔗 [Dan7h3x](#)



## EDUCATION

**PhD of Applied Mathematics** at Tarbiat Modares 10.2021 - current  
*Numerical Analysis*

- Average: 18.49

**Master of Applied Mathematics** at Tarbiat Modares 10.2018 - 07.2021  
*Numerical Analysis*

- Average: 16.08
- Thesis: Application of Machine Learning Algorithms in Modelling and Solving Parabolic Partial Differential Equations

**Bachelor of Mathematics** at Urmia Nazloo 10.2013 - 07.2018

- Average: 12.54

## WORK EXPERIENCE

**Teacher Assistant** at Numerical Learning Methods 10.2023 - 03.2024  
*Python based learning problem solving*

- Providing Lectures of Python Programming
- Solving Problems of TextBook using Python
- Providing Visual Lectures of Python Simulations

**Teacher Assistant** at Digital Image Processing 10.2022 - 03.2023  
*Python based Digital Image Processing*

- Providing Lectures of Python Programming
- Solving Problems of TextBook using Python
- Providing Visual Lectures of Python Simulations

**Teacher Assistant** at Machine Learning Basics 10.2021 - 03.2022  
*R Programming and utils for Machine Learning*

- Providing Lectures of R Programming
- Solving Problems of TextBook using R

## PUBLICATIONS

**An efficient meshless method to approximate semi-linear stochastic evolution equations** 01.2023  
*Mahdi Jalili, Rezvan Salehi, Mehdi Dehghan*

**The approximate solution of one dimensional stochastic evolution equations by meshless methods** 12.2021  
*Mahdi Jalili, Rezvan Salehi*

## INTERESTS

Mathematics and Applications, Linux, Python, C++, MATLAB,  $\text{\LaTeX}$

### Programming Skills

Python



LaTeX



MATLAB



R



C++



### Languages

Turkish (Native)



English (B2 Proficiency)



Persian (Second Native)



### Additional

Linux (LPIC 2)



Git



SSH

