

# SAJED N. ZARINPOUR

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## EDUCATION

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| 2018 - 2020 | <b>Institute for Advanced Studies in Basic Sciences, Iran</b><br>M.Sc. in Applied Mathematics<br>Numerical Method for Solving PDEs with Uncertainty Using Neural-Network |
| 2012 - 2017 | <b>University of Guilan, Iran</b><br>B.Sc. in Applied Mathematics<br>Study on GMDH Algorithm for Stock Price   |

## PUBLICATIONS

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| 2017 | B.Sc. Graduate Thesis: A Study on Stock Price Modeling Using GMDH Algorithm, Guilan University |
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## REASERCH & INTERESTS

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- Mathematical Modeling
- Neural-Networks & Deep Learning
- Inverse Problems
- Medical Imaging
- Cancer Treatment

## SCHOOLS & CONFERENCES

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- **From Biophysical Modeling to Simulation Codes**, Graz university, Isfahan University of Technology - January 2019
- **Introduction to Data Science in R**, Institute for Advanced Studies in Basic Sciences - March 2019
- **One World IMAGINE seminars**, siam - 2020

## SELECTED SKILLS & EXPERIENCES

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**English Self Assessment** According to : [European language levels - Self Assessment Grid](#),

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	B2	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Computer Skills

Scientific Programming Languages

Python	<div><div></div></div>
C++	<div><div></div></div>

Scientific Libraries

Keras	<div><div></div></div>
TensorFlow	<div><div></div></div>

Professional Softwares

FreeFem++	<div><div></div></div>
NGSolve	<div><div></div></div>

Other Skills

Linux	<div><div></div></div>
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REFERENCES

“Upon request.”