

# SAJED N. ZARINPOUR

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## EDUCATION

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| 2017 - Present | <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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- Numerical Solving PDEs with Uncertainty
- Neural-Networks & Deep learning
- Finite Element Method
- Soft Tissue Deformation Modeling
- Medical Imaging
- Breast Cancer

## RELEVANT 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**, Apple Inc., Stanford University - March 2019

## RELEVANT SKILLS & EXPERIENCES

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## Computer Skills

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Scientific Programming Languages	<i>Python , C++</i>
Scientific Libraries	<i>Numpy, Eigen, Torch, Keras</i>
Professional Softwares	<i>FreeFem++, GMSH, NGSolve</i>
Other Skills	<i>Linux, L<sup>A</sup>T<sub>E</sub>X, vim, Blender</i>

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## Languages

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Persian	<i>Native</i>
English	<i>Upper Intermediate</i>
French	<i>Beginner</i>

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## REFERENCES

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### Dr. K. Nedaiasl

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