SAJED N. ZARRIN POUR

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EDUCATION

2017 - Present   **Institute for Advanced Studies in Basic Sciences, Iran**
M.Sc. in Applied Mathematics

Numerical Method for Solving PDEs with Uncertainty Using Neural-Network
Study the Behavior of Soft Tissues Under Compression

2012 - 2017   **University of Guilan, Iran**
B.Sc. in Applied Mathematics

Study on GMDH algorithm for Stock Price

PUBLICATIONS

2017   B.Sc. Graduate Thesis: A Study on Stock Price Modeling Using GMDH Algorithm, Guilan University

REASERCH & INTERESTS

· Numerical Solving PDEs with Uncertainty
· Neural-Networks
· Machine Learning
· Finite Element Method
· Soft Tissue Deformation Modeling
· Medical Imaging
· Breast Cancer

RELEVANT SCHOOLS & CONFERENCES

· **From Biophysical Modeling to Simulation Codes**, Graz university, Isfahan Univer- sity of Technology - January 2019
· **Introduction to Data Science in R**, Apple Inc., Stanford University - March 2019

RELEVANT SKILLS & EXPERIENCES

Computer Skills

Scientific Programming Languages	*Python , C++*
Scientific Libraries	*Numpy, Eigen, OpenNN*
Professional Softwares	*FreeFem++*
Other Skills	*Linux, LATEX, Krita, Blender, Gimp*

Languages

Persian	*Native*
English	*Upper Intermediate*
French	*Beginner*

REFERENCES

Dr. K. Nedaiasl

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