

ABDOLSADEH NEISY



PERSONAL DETAILS

•Location

Tehran, Iran

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•LinkedIn

<https://www.linkedin.com/mynet/work/>

•Link of Publications

https://b2n.ir/A.Neisy_CV
https://b2n.ir/Neisy_RG
https://b2n.ir/Neisy_GS

•Date of birth

23 October 1968

TECHNICAL SKILLS

- Financial Modeling
- Predictive Modeling
- Statistical Process Control
- Numerical Method, SDE, PDE
- Stochastic process
- Data Visualization
- Machine Learning
- Deep Learning
- NLP
- Network Analyzing
- Data Analysis
- Alternative Data

SOFT SKILLS

- Leadership
- Crisis Management
- Team Worker
- Critical Thinker
- Problem Solver
- Process Oriented
- Creative
- Fast Learner

PROFILE, 2022

I'm a university professor whose researches mainly focus on the fields of financial markets, modeling, and stochastic calculations. In addition, I'm proficient in numerical methods, Artificial Neural Networks (ANN), working with the related software, and utilizing modeling and ANN in analyzing financial markets.

My most important skills are presenting technological ideas, commercializing and launching Startup platforms using academic research and experience.

ADMINISTRATOR and ADVISOR

- Financial Director, Iran Economic Research Institute, Allameh Tabataba'i University (ATU), *Sep. 2003 to Sep. 2004, Tehran, Iran.*
- The main colleague of projects in setting up derivatives instrument in Iran cooperating with OTC-Company, Tehran stock exchange and Saman bank, *Dec 2015 to Jan. 2016, Tehran, Iran.*
- The main colleague of three projects in securitizing natural catastrophe in collaboration with insurance institute, *Feb. 2017 to Dec. 2020, Tehran, Iran.*
- OTC-Company consultant and head of the cooperation between OTC -Company and ATU in scientific technology, *Oct. 2015-Present, Tehran, Iran.*
- Consultant and member of Tejarat Bank risk committee, *2018-Present, Tehran, Iran.*
- Foreign financing manager of the HPC project, cooperation with 10 top Iranian universities and institutes, central bank of IRI, Islamic development bank (IsDB) and European financing companies, *Mar. 2017 – Mar. 2019, Tehran, Iran.*
- Director General of Logistic and Supportive for Research and Technology Ministry of Science, Research and Technology, *April 2017 – Present, Tehran, Iran.*

UNIVERSITIES POSITIONS

- Professor of Financial Mathematics, *September 2003 to Present, Allameh Tabataba'i University, Tehran, Iran.*
- Director General of Research affairs, ATU, *Dec 2013 – Mar 2017, Tehran, Iran.*
- Deputy Dean of Faculty of Economics Administration and Student, of Faculty of Economics and Mathematical Science, ATU, *Sep 2004 – Sep 2006, Tehran, Iran.*
- Head, Center of Excellence in Financial Mathematics, *Sept. 2018-Present, Tehran, Iran.*
- Editor-in-chief, Journal of Mathematics and Modeling in Finance, publisher, ATU press, *Sept. 2020-Present, Tehran, Iran.*

LANGUAGES

- **Persian** Native
- **English** Fluent
- **Arabic** Basic

PERSONAL INTERESTS

- Playing individual sports (running, swimming, cycling, play chess, etc.)
- Reading (fiction and non-fiction books, magazines, etc.)
- Playing chess

EDUCATION

• **B.S.**, In Applied Mathematics and Computer Science, Dept. of Mathematics, Applications in Computer Amirkabir University of Technology, Iran.
Sep 1990 - Aug 1994

• **M.Sc.**, In Applied Mathematics, Dept. of Mathematics, Iran University of Science and Technology. *Sep 1995 – Jun 1997.*
Thesis title: "Numerical solution for Elliptic PDE."

• **Ph.D.**, In Applied Mathematics. Dept. of Mathematics, Iran University of Science and Technology.
Sep 1999 - Feb 2003
Thesis title: "Recursive methods for heat conduction problems "

PIECES OF TRAINING

- Teaching at companies and industry centers.
- Planning workshops for professionals and students

AWARDS

- The prize of Iran's Center of Excellence in Financial Mathematics.
- Elected as Editor-in-chief of the Journal of Mathematics and Modelling in Finance. Publisher: ATU-University press

BUSINESSES and START-UP PROJECT EXPERIENCE

One of the most important ideas that have used academic researches and programming are Fin Tech and Wealth Tech Startups. In this regard, I've used modeling and Machine Learning knowledge and launched the three following startups with the help of my students.

- **Title:** Chatbots provide financial advice and make useful investments, with the aim of increasing capital (My Accountant):

Mobile application for users (real or legal) using artificial intelligence and chatbot technology to increase profitable investments.

- **Title:** Provide relevant information about financial markets and digital currency and training in how to use it:

Application for Online financial market analysis, providing banking facilities in a completely digital way to applicants and application members, helping with family expenses and determining the family portfolio algorithm according to customer needs.

- **Title:** Application Ease of getting a loan from the bank for real users or small companies:

Granting micro-facilities to micro-loan applicants in the fastest possible time and without wasting cost, time, convenience, and simplicity in a completely digital way.

SOFTWARE SKILLS and PROJECTS

C, C++, Python, R, MatLab, Minitab, Latex, SQL, Power BI.

I have the experience of working with different software, and in this regard, I've made some programs for various companies, the list of which is as follows:

- I was the programmer and consultant of the digitalization and mechanization project of the transportation system in 1996, which was sold to several companies.
- I was the programmer and consultant of the digitalization and mechanization project of the salary system in 1997, which was sold on a large scale.
- I was the programmer and consultant of the digitalization and mechanization project of the accounting system in 2000, which was sold to several companies.
- I was the programmer and consultant of the engine temperature calculation project using the diffusion equation in 2002 for the Iran Khodro company of Iran.
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FINANCIAL DIGITALIZATION CONSULTANCY

Managing Director and Business Model Designer of the international company "Technology Transfer and Acceleration, FinTech and Creative Industries" jointly with the Italian company SPICI. The New Company, is owned (50%-50%) by an Iranian group and an Italian group of partners. Three major fields of specialization are introduced as follows:

- **Cultural and Creative Industries**
- **FinTech**
- **Energy and environmental sustainability**

The company will operate in the following areas: Digital Transformation, International Accelerator, and Internationalization, *Advanced Training, Innovation, Cooperation, and Internationalization, Jun 2020 - Present, Tehran, Iran.*