Hoda Naseri

(+98) 922 704 1179 | hodaanaserii@gmail.com | linkedin.com/in/hoda-naseri | github.com/hodanaseri

EDUCATION

M.Sc. in Data Science   **Oct 2023 - Present (Last Semester)**

Tarbiat Modares University, Tehran, Iran
Overall GPA: 3.76 out of 4

B.Sc. in Statistics   **Oct 2018 - Aug 2022**

Shahid Beheshti University, Tehran, Iran
GPA of the last five semesters: 3.05 out of 4 (Via 78 passed credits)

RESEARCH INTERESTS

- Statistical Machine Learning
- Time Series
- Applied Statistics
- Data Mining
- Spatial Statistics
- Biomedical Data Analysis
- Medical Imaging

RESEARCH EXPERIENCES

Data Scientist

NBML Biobank, University of Tehran   **Aug 2024 - Present**

- Research assistant in the *biobank* team to design and establish an **open data platform** at the *"National Brain Mapping Lab"*. The platform focuses on creating a comprehensive repository for neuroimaging and brain modulation research, supporting cutting-edge studies to advance understanding of brain structure and function.

Razi Hospital, Department of Dermatology, University of Tehran   **Aug 2024 - Present**

- Collaboration with the most prominent dermatologists in Iran to analyze and diagnose melanoma from dermoscopy images and skin pathology.

RESEARCH PUBLICATIONS

Published Paper in *BMC Cancer*   **Nov 2023 - June 2024**
H. Naseri, AA. Safaei ; "Diagnosis and Prognosis of Melanoma from Dermoscopy Images using Machine Learning and Deep Learning: A literature systematic review".   Click here to visit

Master's Thesis   **2024 - Present**
H. Naseri; "Melanoma Diagnosis and Malignancy Grading from Multimodal Dermoscopic and Pathological Data using Deep Learning Methods"

AWARDS AND ACHIEVEMENTS

Achieved first place in the national entrance exam for graduate studies across all subfields of Statistics   **2023**

Achieved the highest cumulative GPA in my cohort in the master's Data Science program   **2024**

MEMBERSHIP

Scientific Association of Data Science at Tarbiat Modares University **Oct 2023 - Present**

OTHER PUBLICATIONS

Book Author

"Meraat" Publications **Mar 2023 - May 2024**

- Author of six biographical novels about influential scientists for middle school students.

- Cooperation with Dr. Ali A. Safaei in writing the academic textbook "Principles of Healthcare Information Systems Development"

Domestic Magazines

"Roshd" Magazines
- Author of several short scientific stories in the official magazine of the Ministry of Education for middle school students.

COMPUTATIONAL SKILLS

- Python • R   • SQL Server   • Microsoft Power BI   • Tableu   • SPSS   • Minitab

- MongoDB

SELECTED ACADEMIC COURSES (GRADES)

Undergraduate	Graduate
Stochastic Processes (18.43/20)	Modern Database Systems (19.25/20)
Elements of Economics (19/20)	Data-intensive Computing (19.5/20)
Fundamentals of Actuary and Insurance (17.6/20)	Spatial-Temporal Data Analysis (19/20)
Discrete Multivariate Methods I (17/20)	Data Visualization and Modeling (19/20)
An Introduction to Official Statistics (17.75)	Data Mining (18/20)
Time Series I (16.5/20)	Deep Learning (16.2/20)
Research Methodology and Statistical Consulting (17.2/20)	Foundations of Data Science (18.25/20)
Undergraduate Project (19/20)	Seminar (19/20)

CERTIFICATIONS

IBM Data Science Professional Certificate, *Coursera* **June 2023**
Deep Learning with PyTorch: Image Segmentation, *Coursera* **May 2024**

ENGLISH PROFICIENCY

IELTS score: 6.5 **Nov 2024**
Listening: 7 , Reading: 6 , Writing: 6 , Speaking: 7