**Mohammad Rahimi**

**Outstanding alumni of University of Tehran**

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| **Basic Information** | |
| Date of Birth: 1992  Current Location: Iran  Mobile: +98 919 774 92 78  Email: [mohammadrahimy1991@gmail.com](mailto:mohammadrahimy1991@gmail.com)  LinkedIn: [linkedin.com/in/mrahimy](https://www.linkedin.com/in/mrahimy)  Git hub: <https://github.com/mrrahimy> | **Language Icon png download - 1169*1169 - Free Transparent Language Icon png  Download. - CleanPNG / KissPNGLanguages**   * English (IELTS Academic 6.5) * Persian |
| **1**  C:\Users\mr.rahimy\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1F1A3C35.tmp**Research Interests** | |
| My research interests include all data-driven systems that aid in the reduction or elimination of cardiovascular diseases and cancer. Specifically, I am interested in:   * Early diagnosis (proactive methods) through Computer vision or benefiting from wearable devices or micro robots * Developing micro robots in drug delivery or removing cancer cells * Developing molecules for anti-aging * Developing vaccines for new epidemic diseases like Covid 19 * Developing or deploying contrastive learning algorithms in healthcare applications * Leveraging machine learning to manipulate in gene mutation * Analyzing healthcare big data, including monitoring behavioral activities or dietary habits, to identify the root causes of chronic or critical illnesses and proactively prevent diseases. * Ensuring healthcare data security through the use of blockchain, cloud storage, and distributed computing technologies, there guaranteeing compliance with stringent policies. | |
| **Education** | |
| **M.Sc. In Industrial Engineering at University of Tehran, 2014-2017**  GPA: 18 out of 20  Master's Thesis: "A Model for Selecting Financing Methods and Project Scheduling Using MCDM Models and Mathematical Programming (Solved with GAMS)" under the supervision of Dr. Sadegh Amalnick.  **B.Sc. in Industrial Engineering at Iran University of Science and Technology, the 11th ranked university of Iran, Tehran, 2010 –2014**  GPA: 17.34 out of 20 | |
| **Honors** | |
| * Ranked in the **top 0.5%** in the M.Sc. entrance exam (48 out of more than 8,000 participants) * Ranked in the **top 1%** in the B.Sc. entrance exam (2500 out of more than 250,000 participants) * Fully scholarship in the B.Sc. and M.Sc. * Member of Iran's National Elites Foundation * Appreciation certificate from the Deputy of Scientific and Technological Affairs of the President for the sake of collaboration in identification the knowledge-based products and companies | |

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| **Teaching experience** |
| * Microsoft Excel, Faradars (Online course) * Microsoft Excel for engineers, Iran University of Science and Technology, **Aug 2014** * Data analysis, Allameh Tabataba'i University, Statistics college, **Jan 2014** * Microsoft Excel, Iran University of Science and Technology, **Jan 2012** |

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| **Projects** | |
| * Conducted a mathematical optimization to minimize disposals. Advisor: Dr. Majid Shakhsi Niaei. * Evaluated substituting renewal energy in private commutes. Advisor: Dr. Abolhasani * Designed and developed a simulator to assess extraction scenarios. Advisor: Dr. Kamran Fattahi. * Implemented a simple banking system in C++. Advisor: Fariborz Ghasemi Feizabadi. * Design a simulator system using diverse distributions to evaluate queue length and expected waiting values in a case study. Advisor: Dr. Alireza Moini. | |
| **Experience** | |
| * Development a python-based for real-time gold price monitoring for retailers in windows OS ,**2025** * Senior Data Scientist at Mofid Securities, Tehran, **2020 – Jun2024**   Main tasks: Create data platform, design high-level decision support dashboards   * Business Process Assessor at Techchi, Tehran, **2020 –2020**   Main task: Assess knowledge-based companies in terms of process maturity   * Data & IT Consultant (freelancer), Tehran, **2016 –2019**   Main Tasks: Propose Instructions, workflows and Procedures, PO to user experience (UX)   * Develop a fuzzy examination marker, ranking system, and analyzer   Project goal: visualize a participant's advancement and identify areas of strength and weakness | |
| **Skills** | |
| **Soft skills:**   * Adaptability * Critical Thinking * Creative Problem Solving * Ability to Work in a Team * Communication Skills * Probability * Statistics * Linear Algebra | **Hard skills:**   * Data preprocessing * Machine learning * Basic linux * LaTeX * Python (Pandas, Numpy, Selenium, Web API * Matplotlib, scikit learn) * Github * SQL Server (T-SQL) * Microsoft Power BI (DAX, M query) * Microsoft Excel (VBA/ Macros) * Lingo/ GAMS |
| **Courses** | |
| * Fundamentals of machine learning Fall 2024 * Python (online), Stanford, **2022** * Python (Elementary & advanced), GotoClass & MaktabKhoone (Mr. Jadi), **2021** | |
| **References** | | |

References are available upon your request