JAVAD MIRZAEI

+989190946085 | Javadmirzaei817@gmail.com | Tehran, IR

EXPERIENCE

- **Research Assistant,** RA, Sharif University of Technology   2020-present

  Supervised by Dr. H. Kashani: Seismic Retrofit Cost Estimation; Earthquake fatality estimation

  I performed data analysis and modeling on two datasets and reported the results in papers.

- **Research Assistant,** RA, Sharif University of Technology   2021-present

  Supervised by Dr. A. H. Kermanshah: Income Inequality and Sustainability

  I performed data analysis and modeling on a dataset and the paper is in the writing stage.

- **Data Collection Assistant** "Data collection for real state price in Tehran",   Summer, 2020

  We performed data crawling on a real state website, providing a dataset for another research.

- **Teaching Assistant** "Macroeconomics", Sharif University of Technology   Spring, 2022

- **Teaching Assistant** "Infrastructure Sustainability", Sharif University of Technology Spring, 2021

TECHNICAL SKILLS

- **Python:** Pandas, NumPy, Sklearn, SciPy, BS4 | **Querying in SQL**

- **Data Visualization:** Plotly, Matplotlib, Seaborn, Dash dashboarding

- **Machine Learning:** ANN, SVM, DT, Ridge Regression | **Reinforced Learning**

I am a fast and enthusiastic learner who enjoys synthesizing large amounts of research and data insight into a concise and robust story for presentation.

EDUCATION

Sharif University of Technology   Graduated February, 2022

B.Sc. Civil Engineering; Minor in Economics

- Total GPA: 3.6/4 (16.74/20)

- Relevant Coursework: Numerical Computing, Gen Math, Intro Programming (Python), Probability and Statistics Engineering, Project and Construction Management, Econometrics, Financial Economy, System Engineering (OR), Principles of economics,

IBM and Coursera   Spring and Summer, 2022

IBM Certified Data Scientist   Verify this certificate [here](#)

- Coursework: What is Data Science, Tools for Data Science, Data Science Methodology, Python for Data Science, AI & Development, Python Project for Data Science, Databases and SQL for Data Science with Python, Data Analysis with Python, Data Visualization with Python, Machine Learning with Python, Applied Data Science Capstone

- This Professional Certificate provided me a hands-on experience in Data Science and Machine Learning. I started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models. In the process I completed several labs and assignments on the cloud including a Capstone Project at the end to apply and demonstrate my knowledge and skills.

INTERESTS

Data Science | Machine Learning | Python Programming| English, TOEFL-iBT test score 102 | Learning French | Doing Research | Cinema | UFC | Hiking | Leadership