NABIL SALEHIYAN

Dallas, TX
214-454-7699 | nabilsalehiyan@gmail.com
linkdein.com/in/nabilsalehiyan123
nabilsalehiyan.github.io

MACHINE LEARNING
DATA SCIENCE

EDUCATION: THE UNIVERSITY OF TEXAS AT DALLAS, RICHARDSON, TX | B.S. (2022) M.S. (2023)

Master of Science in Data Science/Artificial Intelligence GPA: 3.8

Recent Projects:

Linear Regression & Neural Network Model for fMRI Autism Discrimination

- Created a method to assist clinicians and researchers in determining ASD diagnosis using data from fMRI scans and machine learning algorithms
- Average accuracy of 88.0% with best neural network and 88.1% with best logistic regression model

Supervised Learning Machine for Prediction of Defaulted Loan Status

- Specified gradient descent algorithms and wrote code from scratch without the use of ML libraries
- Learning machine predicted status of loan recipient based on payment data from previous loan holders

Multiple Correspondence Analysis/Discriminant Analysis/Partial Least Squares Correlation of Mental Health Literacy Test Scores of College Students

- Used R to predict what characteristics of a student predicts their score on a mental health literacy test

Relevant Coursework:

- Neural Net Mathematics | Statistical Machine Learning |Advanced Multivariate Analytical Methods |Computer Science | Computational Modeling for Artificial Intelligence | Statistical Decision Making | Research Design & Analysis | Linear Algebra | Probability Calculus | Knowledge Mining

WORK EXPERIENCE

Texas Biomedical Device Center, Richardson, TX | Research Assistant | 08/2020-12/2022

- Research assistant in the auditory neuroscience lab working with hearing deficits associated with Autism
- Ran and troubleshooted experiments using MATLAB

The University of Texas at Dallas | Richardson, TX |Data Analyst |CURRENT

- Research assistant dealing with collection and analysis of data on depression & memory
- Cleaned and managed large datasets using R and Python
- Gathered descriptive statistics for data set management using R
- Use of inferential statistics such as regression-based analyses using R

STRENGTHS & AWARDS

- Julia, R, MATLAB, Python, C++, Java, JASP, Microsoft Office Suite
- Organization, problem solving, communication, critical thinking, and time management skills
- Able to grasp new concepts quickly and train new team members
- Recipient of the “Applied Cognition and Neuroscience Academic Excellence Scholarship in the Area of Neuroscience”