

SEYEDDANIAL HAFEZIAN

PROFILE

IT professional transitioning to Data Science and Machine Learning. With extensive IT, cybersecurity, and technical support experience, I bring transferable skills to data-driven roles. Holding advanced certifications and hands-on machine learning and AI project experience, I aim to leverage my skills to solve complex problems and drive insights.

CONTACT

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ONLINE PROFILES

[LinkedIn](#)
[DataCamp](#)
[Kaggle](#)

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS, JS
AI & Data Science: TensorFlow, Keras, NumPy, Pandas, scikit-learn, Matplotlib, NLTK, Seaborn, XGBoost, LightGBM, PyTorch
Tools: Jupyter, Docker, Streamlit
Network: Network Monitoring, Intrusion Detection

SOFT SKILLS

- Presentation Skills
- Teamwork
- Leadership
- Communication

EDUCATION

- **MSC IN COMPUTING (IT & SECURITY) / UNIVERSITY OF NORTHAMPTON / ONGOING**
 - **Skills Learned:** Data Science, Web Development, Generative AI, Intelligent Systems, Information Security, Artificial Intelligence (AI)
- **BSC IN INFORMATION TECHNOLOGY ENGINEERING / UNIVERSITY OF MAZANDARAN / 2019**
 - **Final Project:** Emotion Recognition using Recurrent Neural Networks (**GPA 20 out of 20**)
 - The main goal of the project was to classify speech by the emotional state of a speaker, using recurrent neural networks.
 - **Skills Learned:** Cybersecurity, IT Operations, Communication, Computer Science

PROJECTS

- **Hate Speech Detection using SVM and TF-IDF – May 2023**
 - **Description:** Developed a model to classify tweets as hate speech or non-hate speech using SVM and TF-IDF.
 - Accuracy: 0.99, Precision: 0.98, Recall: 0.99, **F1 score: 0.99**, AUC: 0.99
- **Kaggle Competitions – 2024**
 - **Fraud Detection:** Enhanced a fraud detection model using feature engineering and tuning.
 - **A Comprehensive Regression Approach:** Predicted flood probabilities with feature engineering and model evaluation.
 - **Academic Success Prediction using H2O and AutoML:** Used AutoML to predict academic success, optimizing model selection.
- **Datacamp Projects – June 2024**
 - **Exploring the Evolution of Lego:** Analyzed Lego set trends over time using data visualization.
 - **Investigating Netflix Movies:** Identified patterns in Netflix movie genres and release trends.
 - **Predictive Modeling for Agriculture:** Forecasted agricultural yields using machine learning models.
 - **Analyzing Car Reviews with LLMs:** Performed sentiment analysis on car reviews using LLMs.

CERTIFICATIONS

- [Data Scientist Associate](#) – May 2024
- [Supervised Learning with scikit-learn](#) – June 2024
- [AI Agentic Design Paterns with AutoGen](#) – June 2024
- [LangChain Chat with Your Data](#) – June 2024
- [Multi AI Agent Systems with crewAI](#) – May 2024
- [AI Fundamentals](#) – May 2024
- [Data Literacy](#) – May 2024
- [Network Defense Essentials \(NDE\)](#) – 2023
- [Security Operations Center \(SOC\)](#) – 2023

EXPERIENCE

- **Information Technology Specialist / Asemane Shahr Hotel / October 2020 – Feb 2023**
 - Managed and maintained critical IT systems, ensuring operational efficiency and security.
 - Provided comprehensive IT support, resolving technical issues to enhance customer satisfaction.
 - Facilitated inter-departmental collaboration, optimizing IT processes with effective project management and communication skills..
- **Network Security Intern / Mazandaran Science and Technology Park / March 2020 – July 2020**
 - Assisted in the design and implementation of network security protocols.
 - Acquired proficiency in network monitoring tools and intrusion detection systems