Saeid Moradi

Data Scientist

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LINKS

- https://www.linkedin.com/in/saeid-moradi-55a16076/
- https://saeidmoradi.netlify.app/

PROFESSIONAL SUMMARY

Dynamic and results-driven Data Scientist proficient in Python, C, C++, R, MATLAB, and skilled in **machine learning** and **deep learning** techniques. Adept at version control with GitHub, Agile methodologies, and project management tools like Jira. Familiar with Oracle DB for efficient data management and integration of language model APIs for advanced data analysis.

SKILLS

Languages and Frameworks:

- Python
- R
- C
- C++
- MATLAB
- Pandas
- Numpy
- Pytorch
- TensorFlow
- Keras
- openCV

Interface Languages and Technologies:
- HTML
- CSS
- Javascript

Database Solutions: Extensive experience with Oracle and MySQL

Version Control: Utilizes GitHub for efficient version control, ensuring collaborative and organized development cycles.

Agile Principles: Applies Agile principles to enhance team productivity and project manageability.

WORK HISTORY

Research Assistant • *Thompson Rivers University*
September 2022 – Current

- Deep Learning model for Skin Cancer Detection.
- Data analysis for Prostate Cancer research.
- Face Recognition through advanced algorithms.
- Credit Risk Prediction using SVM classifiers.
- Neural Machine Translation models.
- Trigger Word Detection applications.
- Designing a CODEC system for high resolution textual images based on super resolution.

Machine Learning Engineer • *Sayna Tech*
September 2019 – July 2022

- Led the collection and preprocessing of digit datasets.
- Developed and deployed digit recognition and classification models using Python and TensorFlow.
- Created a Plate Recognition system.
- Implemented a Car Detection system using the YOLO algorithm.
- Contributed to Smart Cattle projects by monitoring and analyzing cow behavior.

EDUCATION

- **MSC - Data Science (GPA 4.23) • TRU, Canada Kamloops, BC • 2022 - 2024**
  - **Data & Database Management Systems (PowerDesigner, Oracle SQL, MySql)**
  - **Machine Learning and Data Analysis (R, Python)**
  - **Business Data Analysis (R, Python, Excel)**
  - **Applied Statistics in Data Mining (R, Python)**