Your Name Here

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Skills

Programming Languages: Python, JavaScript (React), C++ (basic)
Frameworks & Libraries: PyTorch, scikit-learn, Pandas, Matplotlib, Seaborn, Pygame, React, Tailwind
Tools & Technologies: Git, GitHub, Jupyter Notebook, Linux CLI, Networking tools (ping, traceroute), Cybersecurity fundamentals
Core Skills: Machine Learning, Deep Learning (CNNs, Autoencoders, Face Recognition with Triplet Loss), Reinforcement Learning (Minimax Checkers Bot), Data Analysis & Visualization, Probability & Statistics, Cybersecurity basics

Projects

RL-Checkers Game with Minimax Bot   *Python, Pygame*

- Developed a Checkers game from scratch using Pygame.
- Implemented a Minimax-based bot for AI gameplay; designed to be upgraded with stronger RL algorithms.

Image Anomaly Detection with CNN Autoencoder   *PyTorch*

- Built and trained a CNN autoencoder for anomaly detection, compared against classifier models.
- Experimented on Cats vs Dogs dataset for binary anomaly tasks.

Face Recognition with FaceNet (Triplet Loss)   *PyTorch*

- Implemented FaceNet architecture using Triplet Loss for robust face recognition.
- Trained and evaluated on Hugging Face face_recognition_52 dataset.

MNIST Classification Neural Network   *PyTorch*

- Designed, tuned, and evaluated multiple NN models on MNIST dataset.
- Applied techniques such as early stopping, weight initialization, and validation tuning.

Data Analysis with Titanic Dataset   *Python, Pandas, Seaborn*

- Classified dataset attributes (nominal, ordinal, discrete, continuous).
- Conducted feature preprocessing and visualization with Pandas, Seaborn, and Matplotlib.

Education

[Kazakh-British Technical University]   [4]