Mert Eren

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ABOUT ME

As an electrical and electronic engineer with a passion for artificial intelligence and image processing, I bring a strong background in software development. My expertise lies at the intersection of hardware and software, where I leverage my technical skills to create innovative solutions. Eager to contribute to cutting-edge projects and harness the power of technology to address complex challenges.

EDUCATION

- Cankaya University Electrical-Electronics Engineering
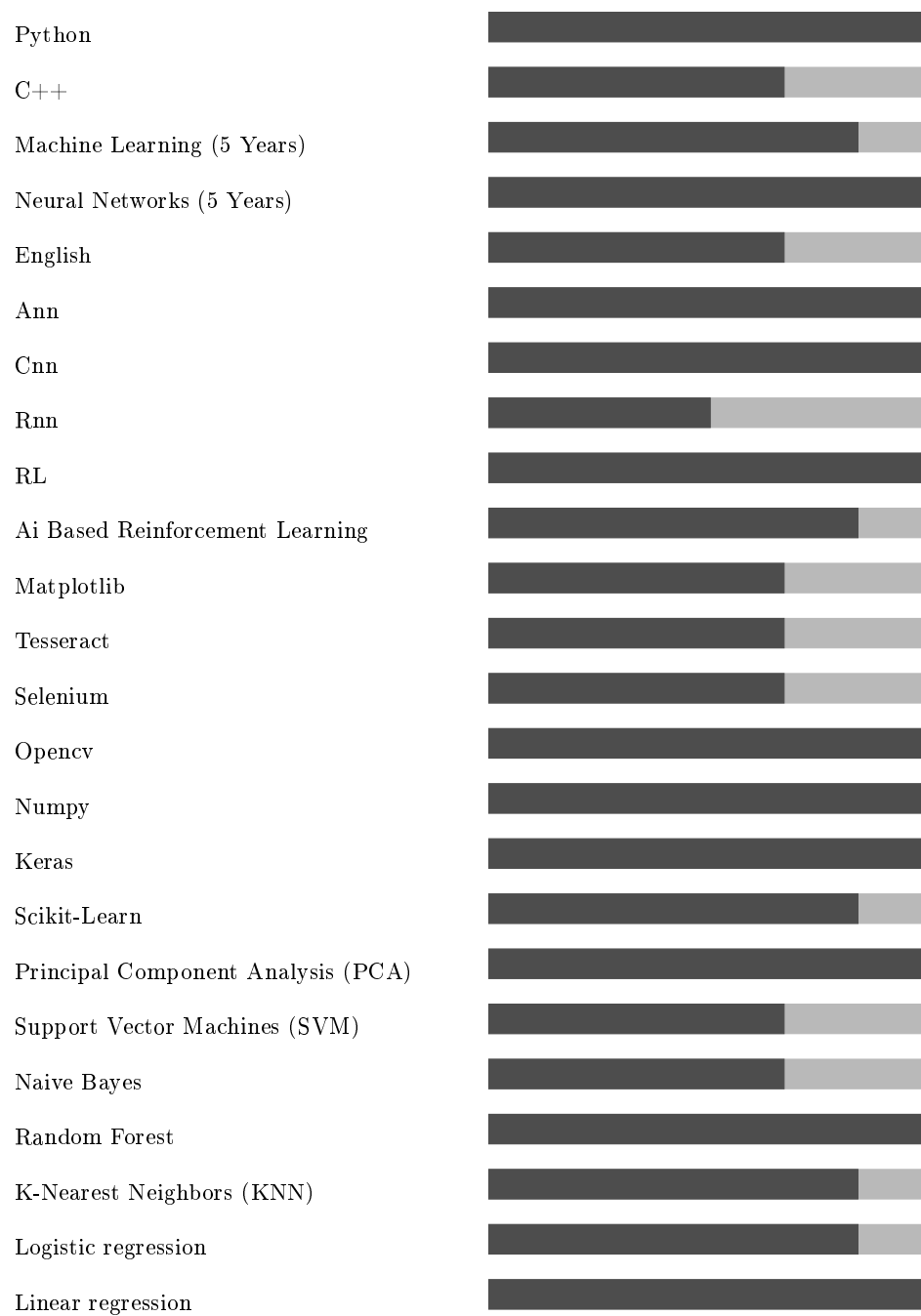- Udemy Courses

GITHUB

https://github.com/erenmert-2105

PROJECTS

- 2d Face Ai Cnn
- 3d Ai Application
- Object exist or not exist control
- Automation Application
- Deep Rainforment qlearning and sarsa
- Global positioning
- Path Finder Application
- Selenium Application
- Tesseract Image to Text Application

ABILITIES

Python

C++

Machine Learning (5 Years)

Neural Networks (5 Years)

English

Ann

Cnn

Rnn

RL

Ai Based Reinforcement Learning

Matplotlib

Tesseract

Selenium

Opencv

Numpy

Keras

Scikit-Learn

Principal Component Analysis (PCA)

Support Vector Machines (SVM)

Naive Bayes

Random Forest

K-Nearest Neighbors (KNN)

Logistic regression

Linear regression

EXPERIENCES

Teknokar R&D Engineer (office)

- Automation application that transfers images to text using Tesseract OCR software.
- Pan-Tilt Mechanism for controlling the orientation of the system.
- IMU sensors for tracking the location and orientation of the device.
- BLDC Motor Control for precise control of the motor speed and direction.
- Reinforcement Learning techniques used to optimize the performance of the system.
- Global Positioning System (GPS) used for accurate location tracking.
- Environmental Design considerations taken into account for designing the system.

PolMLabs AI Engineer (remote)

- Creating AI-based solutions for healthcare.
- Developing AI-based solutions for camera systems.
- Building an internal algorithm that automates a company's processes.

Teknokar Intern (office)

- Python Objects and Data Structures Basics
- Conditional Statements and Loops
- Methods and Functions
- Modules and Packages
- Object Oriented Programming
- Errors and Exception Handling
- File Handling with Python
- Built-in Functions in Python
- Advanced Objects and Data Structures
- Database Operations with SQLite3
- Advanced Functions in Python