Yusuf Emre Budak

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EDUCATION

Uludag University, Bursa / Turkey	Undergraduate, Computer Engineering	2018 -2022 GANO: **3.48**

PROJECTS

- Detection Heart Rate from Facial Videos Using a Basic Webcam **(graduation project)**
- Solution of Top 100 Liked Algorithm Question in LeetCode **(work in progress)**
- ML and DL Projects involving model training, test results, evaluations and visualizations
    - **Implementation of Logistic Regression with Sign Language Dataset**
    - **Titanic – Machine Learning from Disaster**
    - **Breast Canser (Diagnostic) Classification with KNN, PCA, NCA**
    - **Visualization and Evaluation of Ensemble Learning Algorithms (Begging, Adaptive Boosting, Voting)**
    - **Fuel Consumption Estimation of Vehicles with Different Regression Models**
    - **Visualization and Evaluation of CNN with Digit Recognizer Dataset**
    - **Sentiment Analysis with Recurrent Neural Network**
    - **Google Stock Price Prediction with RNN – LSTM**
    - **Autoencoders with Fashion MNIST Dataset**
    - **CNN Fruit Recognition – Classification**
    - **IR Pedestrian Projects with CNN and Deep Residual Network**
    - **VGG19 model of Transfer Learning with CIFAR10 Dataset**
    - **GANs Model with MNIST Dataset**
- Various Face, Pedestrian, Shape and Color Detection Systems
- Bank Managment Software Designed with C#, OOP, SQL, AI, API
- Stock and Budget Tracking Software Designed with PHP and MySQL
- Battery Seller Website Designed with PHP and MySQL
- Weather Forecast App with Flutter
- Todo App with Flutter
- Note Cart app with Flutter
- Detail Data Processing Between File Types Designed with C++
- Fluid Objects War Game with C#
- Cafe Order and Tracking Program with C#

 Note: All my projects above are on my github and kaggle profile:
- https://github.com/yusufemrebudak
- https://kaggle.com/yusufbudak/code

INDUSTRIAL EXPERIENCE

- **AykaTech | Ayka Bilişim**   **Sep 2021 to**
    - Developing native mobile application with Flutter   **Jan 2022 (5 mon)**

- **VeriPlus Yazılım Teknolojileri**   **Feb 2022 to**
    - Managing and Developing ML and DL models   **June 2022 (5 mon)**

PROGRAMMING SKILLS

Python, C, C++, C#, Java, Flutter, Assembly

RELATED COURSES

- Artificial Intelligence and Machine Learning (AI and ML)

- Image Processing

- Object Oriented Programming

- Data Structures and Algorithms

- System Programming

- Operating Systems