Can ÇORAPÇIOĞLU

Ankara, Türkiye

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GitHub|Portfolio Website

PROFILE

I'm a Computer Engineer passionate about Artificial Intelligence and Machine Learning with strong Python skills and hands-on experience in automation, data analysis, and algorithm development. Contributed to AI model enhancements in time-series forecasting and image classification, emphasizing performance optimization and clean code. Demonstrated ability to learn new technologies quickly, troubleshoot issues effectively, and collaborate with diverse teams to improve user experience.

EDUCATION

Atılım University   **2020 - Dec 2025**
BSc, Computer Engineering
  • **Achievements:** 5 courses remaining

Private Bahçelievler Sınav High School   **2019**
High School Diploma

EXPERIENCE

ERKUTDefense, Aerospace and Space Technologies   **Jul 2025 - Aug 2025**
AI Intern   *Ankara, Türkiye*
  • Engineered a multi-label image classification system using CNN on the VOC2012 dataset, enhancing classification accuracy and efficiency using Python.
  • Refined model training by applying EarlyStopping and ModelCheckpoint to reduce training time and improve reliability.
  • Showcased project outcomes on a personal portfolio website via HTML and Git, effectively documenting technical achievements.

RSA Cyber Security Technologies   **Jun 2024 - Sep 2024**
Python Development Intern   *Ankara, Türkiye*
  • Executed web scraping tasks with Selenium and conducted comprehensive data analysis with Pandas, streamlining data processing and generating actionable insights.
  • Developed AI models to forecast stock prices based on financial datasets, demonstrating strong algorithmic problem solving.

Turkish American Association   **Apr 2024 - Jun 2024**
Volunteer Web Developer   *Ankara, Türkiye*
  • Designed and implemented WordPress-based web interfaces using HTML and Git, enhancing site functionality and user engagement
  • Created user-friendly pages with a professional corporate appearance using HTML and GitHub Pages, resulting in improved user satisfaction and brand consistency

PROJECTS

ReceiptScanning System with OCR|https://github.com/cancrpcoglu/ocr-reciept-scanning   **Feb 2025 - Jun 2025**
Atılım University   *Ankara, Türkiye*
  • Developed a system that extracts vendor name, date, time, and total amount from receipts using mobile and web camera input. Applied PyTesseract, OpenCV, and customized parsing functions to support various receipt layouts.

Stock Price Prediction Models (LSTM, RNN, GRU)| https://github.com/cancrpcoglu/models   **May 2024 - Sep 2024**
                                                                                                 Ankara,Türkiye

  • Built time series forecasting models using Tesla stock data from Kaggle. Improved model accuracy through hyperparameter tuning (epochs, layers, optimizers) and applied EarlyStopping to avoid overfitting.

Image Classification with CNN|https://github.com/cancrpcoglu/cnn-image-prediction   **Jul 2025 - Jul 2025**
                                                                                                 Ankara,Türkiye

  • Created a multi-label image classification model using VOC2012 dataset. Initially trained with 100 labeled images and later scaled to 17,000+ images to exceed 80% accuracy. Used CNN with EarlyStopping and ModelCheckpoint for optimization.

TECHNICAL SKILLS AND DOMAIN KNOWLEDGE

• **SKILLS**: Python, C/C++, HTML, SQL, Assembly, TensorFlow, Keras, OpenCV, Selenium, NumPy, Pandas, Matplotlib, PIL, SQLite, XML Parsing, Git, GitHub Pages, PyTesseract, EasyOCR, Labellmg, WordPress, Artificial Intelligence (AI), Deep Learning (DL), Computer Vision, Optical Character Recognition (OCR), Natural Language Processing (NLP), Time Series Forecasting, Image Classification, Functional Programming, Data Preprocessing & Feature Engineering, Data Analysis, Software Engineering

• **SOFT SKILLS**: Analytical and Critical Thinking, Problem-Solving Oriented, Fast Learner & Adaptive to New Tech, Team Player, Time Management & Multitasking, Effective Communication, Independent Research & Self-learning, Technical Presentation & Reporting, Self-Motivation and Discipline, Self-direction

CERTIFICATIONS

• **Certification Of Internship**: Turkish-American Association - June 2024
• **Introduction to Artificial Intelligence**: Turkish-American Association - June 2024
• **Time Management & Productivity**: Turkish-American Association - June 2024
• **Inner Motivation & Empowerment**: Turkish-American Association - May 2024
• **Intro to 2D Game DevelopmentwithUnity** : Atılım University - March 2021

LANGUAGES

• English (B2 – Upper Intermediate)
• German (A1 – Beginner)
• Turkish (Native)

SOCIAL & EXTRACURRICULARS

Atılım ComputerClub   **2021 - Present**

Member

Atılım UNIGFB   **2021 - Present**

Member

Atılım Rhinos American Football Team   **2021 - 2024**

Player

Hacettepe Reddeers American Football Team   **2022 - 2023**

Player

Diba Basketball Team   **2011 - 2015**

Player

                                                                            2008 - 2013
Fenerbahçe Beko Youth Team

Player