

# Can ÇORAPÇIOĞLU

Ankara, Türkiye

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[GitHub](#) | [Portfolio Website](#)

## PROFILE

Aspiring Backend Engineer with hands-on experience in Python-based automation, web scraping, and API integrations, gained through internship and academic projects. Actively contributed to developing AI models for time-series forecasting and image classification, focusing on performance optimization and clean architecture. Passionate about building scalable backend systems and solving real-world problems with efficient, well-documented code.

## 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, LabelImg, 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
- **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

## PROJECTS

### Receipt Scanning System with OCR

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)

May 2024 - Sep 2024

<https://github.com/cancrcoglu?tab=repositories>

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/cancrcoglu/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.

## EDUCATION

### Atılım University

2020 - Jan 2026

BSc, Computer Engineering

- **Achievements:** 5 courses remaining

### Private Bahçelievler Sınav High School

2019

High School Diploma

## EXPERIENCE

### ERKUT Defense, Aerospace and Space Technologies

Jul 2025 - Aug 2025

AI Intern

Ankara, Türkiye

- Developed a multi-label image classification system using CNN on the VOC2012 dataset, improving classification accuracy and efficiency
- Optimized model performance using EarlyStopping and ModelCheckpoint, resulting in reduced training time and improved model reliability
- Displayed project results on a personal portfolio website using HTML and Git, enhancing professional visibility and showcasing technical skills

### RSA Cyber Security Technologies

Jun 2024 - Sep 2024

Python Development Intern

Ankara, Türkiye

- Contributed to web scraping using Selenium, performed data analysis with Pandas, and developed automation tools, improving data processing efficiency
- Designed AI models to forecast stock prices based on financial datasets

### 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

## CERTIFICATIONS

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- **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 Development with Unity:** Atılım University - March 2021

## LANGUAGES

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

## SOCIAL & EXTRACURRICULARS

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<b>Atılım Computer Club</b> <i>Member</i>	<b>2021 - Present</b>
<b>Atılım UNIGFB</b> <i>Member</i>	<b>2021 - Present</b>
<b>Atılım Rhinos American Football Team</b> <i>Player</i>	<b>2021 - 2024</b>
<b>Hacettepe Reddeers American Football Team</b> <i>Player</i>	<b>2022 - 2023</b>
<b>Diba Basketball Team</b> <i>Player</i>	<b>2011 - 2015</b>
<b>Fenerbahçe Beko Youth Team</b> <i>Player</i>	<b>2008 - 2013</b>