

BÜNYAMİN ERGEN

DATA SCIENTIST

Personal Information

Gender: Male


Nationality: Turkish


Driver Licence: B

Marital: Single

Date of Birth: 1 July 1990

Place of Birth: Istanbul, Türkiye

 Istanbul, Türkiye

 +90-552-610-4346

 www.linkedin.com/in/bunyaminergen

 www.github.com/bunyaminergen

 www.bunyaminergen.com

 info@bunyaminergen.com

Experiences

Data Scientist

December 2022 - July 2023

7 months

Full Time - Hybrid

sun4tech Technology Inc.

Türkiye

During my tenure at Sun4Tech Company in Project Heimdall as a Data Scientist and Backend Developer, I played a pivotal role in driving process improvement and creating a positive impact. By optimizing database management, backend development, and utilizing data science and Machine Learning techniques, our project successfully revolutionized the diagnosis of rare diseases, leveraging the power of artificial intelligence.

In addition to my responsibilities as a Data Scientist and Backend Developer in Project Heimdall, I was also entrusted with the crucial task of cleaning and extracting useful information from the data received from hospitals. By employing data cleaning techniques and implementing sophisticated algorithms, I was able to ensure the accuracy and quality of the data, ultimately enabling us to derive valuable insights and contribute to the revolutionization of rare disease diagnosis through the power of artificial intelligence.

Technical Skills:

Python, Django, SkLearn, Pandas, Numpy, Tensorflow, Pytorch, OracleSQL, PostgreSQL, NLP, Computer Vision, Statistical Data Analysis, HTML, Agile/Kanban

Artificial Intelligence Instructor

April 2023 - May 2023

2 months

Part Time - Hybrid

Neos Software Academy

Türkiye

During my time as an Artificial Intelligence Instructor at Neos Software, my key responsibilities included delivering comprehensive education and training on machine learning and deep learning to students, as well as actively participating in various machine learning and deep learning projects. One notable project I contributed to was the development of an AI chess robot, which provided a challenging artificial opponent for chess enthusiasts.

Technical Skills:

Python, Flask, SkLearn, HTML, Deterium & Stockfish Chess Engines

Data Scientist

March 2023 - April 2023

1 month

Freelance

Craftis Software Company

Türkiye

In my freelance role, I took on the responsibility of developing a custom algorithm to predict product sales by leveraging Amazon's Best Seller Rank (BSR) fluctuations. By analyzing and interpreting intricate e-commerce data, I successfully created an innovative solution that accurately forecasts sales based on BSR trends. This solution has the potential to greatly impact business decisions, providing valuable insights into product performance and market dynamics.

Technical Skills:

Python, SkLearn, Pandas, Numpy

Education

Master

March 2020 - March 2022

2 years

Not Completed (Due to Covid-19)

Osaka University of Health & Sport Sciences

Japan

Thesis:

Computer Vision for Refereeing Decisions in Kendo

In my thesis, I delved into the practical application of AI in sports, particularly Kendo. I developed an innovative AI model that used computer vision techniques to assist in making refereeing decisions in Kendo matches.

Technical Skills:

Python, OpenCV, YOLO, TensorFlow, Keras, PyTorch, PIL/Pillow, Scikit-Image

Bachelor's Degree

September 2011 - February 2018

7 years

Bachelor's degree (Completed)

Marmara University

Türkiye

Graduation Project:

Dreams of Istanbul

My graduation project, "Dreams of Istanbul", embodied my unique approach to image processing. Blending artistic vision with technical expertise, the project was recognized for its excellence, achieving the second position among various other projects.

Technical Skills:

Photoshop, Darkroom, Analog Photography, Old Photography Process, Daguerretype, Chemical Processes of Photography

Courses

Data Science Bootcamp

September 2022 - February 2023

6 months

Certificate awarded

Miuul

Türkiye

Graduation Project:

Predict diabetes disease.

Skills Acquired:

Python Programming, Data Analysis, Business Analytics, CRM Analytics, Statistical Data Analysis, Data Visualization, Natural Language Processing (NLP), Machine Learning, SQL, NumPy, Pandas, AI, Feature Engineering, and Recommendation Systems.

AWS Cloud Bootcamp

March 2023 - April 2023

2 months

Certificate awarded

Miuul

Türkiye

Graduation Project:

Social AI Mate (An application built with an AWS Services that utilizes generative AI to automatically post and schedule posts on LinkedIn)

Skills Acquired:

Network Principles, Linux, Bash Scripting, IAM, IaaS, PaaS, SaaS, FaaS, RDS, Lambda, SSH - EC2 Operations, S3, Redshift, Real-time Data Processing, Amazon SNS, API Gateway, AWS SageMaker

Big Data & Business Analytics Program

February 2022 - April 2022

3 months

Certificate awarded

Istanbul Technical University

Continuing Education Center

Türkiye

Graduation Project:

Prediction Parkinson's Disease with Acoustic Features

Skills Acquired:

Data Analysis, Natural Language Processing (NLP), Big Data Analytics, Business Analysis, R Programming, Web Analytics, Social Media Analytics, Supply Chain Analytics, Knime, Finance and Risk Analytics, Applied Statistics, Apache Spark, Customer, Customer Relationship Management (CRM), Python, SQL

Full Stack Web Development Bootcamp

December 2021 - April 2022

5 months

Course Completion

Neos Software Academy

Türkiye

Graduation Project:

E-commerce Website

Skills Acquired:

HTML, CSS, JavaScript, Bootstrap, Python, Django

Volunteering

American Heart Association (AHA)

First Aid and CPR Certified
November 2021 - November 2023
International

AFAD (Disaster & Emergency Presidency)

Volunteer
September 2021 - Present
Türkiye

Turkish Red Crescent

Volunteer
January 2021 - Present
Türkiye

Interests

Kendo

2016 - Present
Martial Art (3th Dan)
Japan & Türkiye

Go

2015 - Present
Strategy (5th Kyu)
Japan & Türkiye

Daguerreotype

2012 - Present
Photography
Japan & Türkiye

Influencer

2022 - Present
Linkedin
International

Collector

2011 - Present
Coin
Türkiye

Languages

English



Japanese



Arabic



Turkish



Technical Skills

- Python (Django, Sklearn, Numpy, Pandas)
- Computer Vision (Open CV, Keras, Pytorch, Tensorflow)
- NLP (NLTK, Large Language Models, Transformer)
- Cloud (Amazon Web Services AWS)
- SQL (Oracle & Postgre)
- Containerization (Docker & Kubernetes)
- DevOps (Jenkins, Git)

References

Upon Request ...