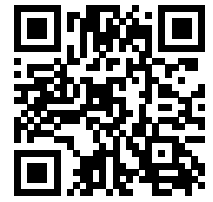


Nuri Özbey

Data Scientist & ML/AI Engineer
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[in](#) [LinkedIn](#) [G](#) [Github](#) [G](#) [Google Scholar](#) [B](#) [Blogspot](#) [nuriozbey.com](#)

Summary

I'm an enthusiastic data scientist with a theoretical background in machine learning algorithms. My career journey started with developing machine learning and artificial intelligence algorithms for image processing applications in biomedical and UAV systems. When I finished my undergraduate degree, I started working in a white goods factory that produces big data every second. Doing research and development works here has turned me into a data scientist. I love contributing others to develop open source applications. That's why designing algorithms that make things easier for others and contributing to other work around the world has allowed me to discover my passion for data science and artificial intelligence.

Research Interests

- Data Science
- Turkish NLP
- Front-end UI/UX Design
- Amazon Web Services
- Computer Vision
- Machine Learning
- Database Management
- Business Intelligence

Experience

Arçelik A.Ş.

Software Specialist

Jan 2019 – Now

Eskisehir, Turkey

- Dealing with connected devices and creating Cloud-based algorithms on Amazon Web Services.
- Scripts have been written that combine complex JSON files with Python and serve them with a web service to visualize data and report it to employees.
- Performance Testing Time Decreasing with AI Decision making system to save energy. Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.
- Mainly focused on developing Machine learning models, Text Mining, Web Scraping, production deployment, testing, scaling and sustainable coding.

Awards: IDC CIO Awards 2020 (first prize with Covid-19 Filiation app), Arcelik Reliability Day Award

TUSAS - Turkish Aerospace

Intern Engineer

July 2018 – Sep 2018

Ankara, Turkey

- Within the scope of the Unmanned Aerial Vehicles and Technologies Project, published an international conference paper on Runway Detection During Landing.

Huma Technology Inc.

Intern

Aug 2017 – Sep 2017

Eskisehir, Turkey

- Dealing with a Project related to Image Processing with a dedicated Drone. Developed a UI program and software about Building Control with Drone.

Visea Innovative Information Technology Inc.

Intern

June 2017 – July 2017

Eskisehir, Turkey

- Worked as a Researcher on Pattern Recognition Techniques and Machine Learning algorithms. Published an international conference paper on Facial Expression Recognition

Education

Eskisehir Osmangazi University

Master of Science in Signal Processing

Dissertation Title: Image Processing Based Recognition of Facial Expressions

2018 - 2022

Eskisehir, Turkey

Anadolu University

Bachelor of Science in Electrical and Electronics Engineering

Dissertation Title: Design And Implementation of Autonomous Unmanned Ground Vehicle(UGV)

2012 – 2018

Eskisehir, Turkey

Publications

- N. Özbey and MB Gülmezoğlu, "New Geometric Based Features for Facial Expression Recognition," 2021 1st International Conference on Computing and Machine Intelligence (ICMI), Istanbul, 2021
- I.Milci, N. Özbey and E. Corga, "Field Fault Analysis with Advanced Data Analysis and Life Test Time Simulation with Field Analysis" , Applied Reliability and Durability Conference, Ankara , 2020
- N. Özbey, G.Erteği and A.Oner, "Runway Detection during Landing with Neural Network Based Image Processing", International Eurasian Conference on Science, Engineering and Technology , Ankara, 2018
- N. Özbey and C. Topal, "Expression recognition with appearance-based features of facial landmarks," 2018 26th Signal Processing and Communications Applications Conference (SIU), Izmir, 2018, pp. 1-4, doi: 10.1109/SIU.2018.8404541.

Certifications

- "Data Science on Google Cloud", Coursera, Dec 2021, Qualification ID: 6FEZTXEKSAWK [\[certificate\]](#)
- "The Elements of Data Science", Amazon, Sep 2021, Qualification ID: ZScXZf1oG02tjShvDiiZyw2 [\[certificate\]](#)
- "AI For Everyone", Coursera, June 2021, Qualification ID: S8728ZSPKN5J [\[certificate\]](#)
- "AWS Fundamentals Specialization", Coursera, Apr 2021, Qualification ID: 5ASTEKUNSKHQ [\[certificate\]](#)
- "AWS: Building Serverless Applications", Coursera, Mar 2021, Qualification ID: UUT5FQHKZH65 [\[certificate\]](#)
- "AWS Fundamentals: Migrating to the Cloud", Coursera, Mar 2021, Qualification ID: WSA23MRRZ76P [\[certificate\]](#)
- "AWS Fundamentals: Addressing Security Risk", Coursera, Feb 2021, Qualification ID: WUNXPVNW8H52 [\[certificate\]](#)
- "AWS Fundamentals: Going Cloud-Native", Coursera, Feb 2021, Qualification ID: 5B65ZFMXTFQM [\[certificate\]](#)
- "Introduction to Data Science in Python", Coursera, Sep 2020, Qualification ID: PJFSGFUSB5PC [\[certificate\]](#)
- "Cyber Threat Hunting", Sparta Bilişim, Jul 2020, [\[certificate\]](#)

Technical Skills

Languages: Python, Django, PyQT, C++, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: Pycharm, VS Code, Eclipse, Amazon Web Services, Google Cloud Platform

Technologies/Frameworks: Linux, Jira, GitHub, Rasbian, Apache, Hadoop, Object Oriented Programming