Özay Ezerceli ⌂ in 🤗

Seeking a challenging data scientist role to leverage my analytical skills and data-driven mindset in solving complex problems and contributing to data-driven decision-making processes in a dynamic organization.

ezerceli804@gmail.com ❖ (534) 589 57 88 ❖ Istanbul, Turkey

WORK EXPERIENCE

Isik University   **Oct 2020 – Present**
Research Assistant   Sile, Istanbul
- Employed advanced machine learning algorithms, including regression, classification, clustering, and neural networks, to build predictive models and identify trends within datasets.
- Kept abreast of the latest advancements in data science and machine learning through continuous learning and self-improvement to stay current in the field.
- Collaborated in the BAP project with the paper entitled "Suicidal Ideation Detection From Social Media Using Deep Neural Networks" advised by Asst. Prof. Rahim Dehkharghani.
- Collaborated in the development of research papers and presentations, effectively communicating complex technical concepts to both technical and non-technical audiences.
- Conducted extensive data collection and preprocessing, including data cleaning, feature engineering, and transformation, to ensure data quality and suitability for analysis.

Andasis Elektronik Sanayi ve Tic. A.S.   **Sep 2019 – May 2020**
Software Engineer   Kurtkoy, Istanbul
- Gained hands-on experience with a variety of network protocols, including TCP/IP, UDP, and SNMP, contributing to the optimization and enhancement of network communication within military-grade systems.
- Conducted rigorous testing of network protocols to identify vulnerabilities, improve system performance, and ensure seamless data transmission in high-stakes environments.
- Participated in the documentation of software specifications, architecture, and testing procedures, ensuring clear communication and knowledge sharing among team members.

Andasis Elektronik Sanayi ve Tic. A.S.   **Mar 2019 – Aug 2019**
Software Engineering Intern   Kurtkoy, Istanbul

EDUCATION

Isik University   **Aug, 2023**
MSc., Computer Science Engineering   Sile, Istanbul
- 3.93/4.0 GPA
- Advanced NLP, Image Processing, Information Retrieval, Computational Linguistics, Software Testing, Artificial Intelligence
- Master thesis is called "Suicidal Ideation Detection From Social Media"

Isik University   **June, 2020**
BSc., Software Engineering Program   Sile, Istanbul
- First place in program; 3.65/4.0 GPA
- Studied abroad in Budapest, Hungary during spring 2018 semester (Budapest University of Technology and Economics)

PROJECTS

- BAP (University funded) Project : Suicidal Ideation Detection From Social Media Using Deep Neural Networks
- **SpeechToSign** (BSc. Thesis Project) : A model that converts audio or text contents into Turkish Sign Language.

- **Photonest** : A mobile application like Instagram.
- **MotivationApp** : A mobile application that gives you motivational quotes to get you motivated.
- **ZeroSumGame** : Comparison of the performances between min-max algorithm and alpha-beta pruning by implementing zero-sum game.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:**

Docker	**Current**
Prompt Engineering	**Current**
Generative AI	**Current**
TensorFlow Developer Certificate	**Nov 2022 – Nov 2025**
Google Developers Machine Learning Bootcamp 2022 Turkey	**Dec 2022**
CNN in TensorFlow	**Oct 2022**
Deep Learning Specialization	**Oct 2022**
NLP in TensorFlow	**Oct 2022**
Sequence Models	**Oct 2022**
Convolutional Neural Network	**Sep 2022**
Ethereum & Solidity Practicum	**Jul 2022**
Web3 Fundamentals	**Jun 2022**

- **Skills:** Java, TensorFlow, Teamwork, Machine Learning, Deep Learning, Neural Network, Large Language Model, MySQL, Python, Jupyter Notebook, NLP, Keras, NumPy, Matplotlib, Communication, CNN, LSTM, RNN, Software Development, Git, Github, Postman API, Research Methods, Documentation
- **Interests:** LLM**,** NLP**,** Reading book**,** Research, Sport, Cycling, The Walking Dead, Sitcom, Ukulele

PUBLICATIONS

[1]Ö. Ezerceli and M. T. Eskil, "Convolutional Neural Network (CNN) Algorithm Based Facial Emotion Recognition (FER) System for FER-2013 Dataset," *2022 International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME)*, Maldives, Maldives, 2022, pp. 1-6, doi: 10.1109/ICECCME55909.2022.9988371.

[2] G. Gümüşçekiçci, Ö. Ezerceli and F. B. Tek, "Web Service Translating Content into Turkish Sign Language," *2020 5th International Conference on Computer Science and Engineering (UBMK)*, Diyarbakir, Turkey, 2020, pp. 355-259, doi: 10.1109/UBMK50275.2020.9219479.