

GitHub: <https://github.com/OzlemGulsumKilickaya>

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**OZLEM GULSUM KILICKAYA**

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Tel: +90543 745 32 99

Ankara/Turkey

**Education:**

Elementary: Arı College (1994-2002)

High School: Arı Scientific School (2002-2005)

University: Hacettepe University/Bachelor of Engineering (100% English) (2006-2012)

Master with thesis (scholarship): Atilim University /Mechatronics Engineering (100% English) (2013-2016)

Doctoral (PhD): Baskent University-Defense Technologies and Systems (2019-current)

**Languages:**

|  |  |
| --- | --- |
| Turkish | Native Language |
| English  (Translator and academic editor) | Fluent (spoken and written) |
| French | Good command (spoken and written) |

**Professional Certificates:**

* **Harvard University- Data Science:** Data science, statistics, machine learning and R programming (2019)
* **University of Maryland:** Drones & Autonomous Systems (2019)

**Certificates:**

1. IBM: Introduction to Data Science (2020)
2. IBM: Data Science Methodology (2020)
3. IBM: Python for Data Science (2020)
4. IBM: Data Analysis with Python (2020)
5. IBM: Data Visualization with Python (2020)
6. IBM: Analyzing Big Data in R Using Apache Spark (2020)
7. IBM: Machine Learning with Python (2020)
8. IBM: Deep Learning Fundamentals (2020)
9. IBM: Deep Learning with Tensorflow (2020)
10. IBM: Big Data 101 (2020)
11. IBM: Spark Fundamentals I (2020)
12. IBM: Hadoop 101 (2020)
13. IBM: Data Visualization with R (2020)
14. IBM: Machine Learning with R (2020)
15. IBM: Machine Learning-Dimensionality Reduction (2020)
16. IBM: Bitcoin 101 (2021)
17. IBM: Digital Analytics & Regression (2021)
18. Kaggle: Python (2022)
19. Kaggle: Pandas (2022)
20. Kaggle: Introduction to Machine Learning (2022)
21. Kaggle: Intermediate Machine Learning (2022)
22. Kaggle: Data Visualization (2022)

**Editing Training:**

1. Cactus University (Cactus Global)- 2019
2. Purdue University-Online Writing Lab-2019

**Journal Roles:**

1. International Journal of Mechanical Engineering & Applications- Reviewer (2022-2024)

**Experience (General):**

1. Technical writer and translator (2009-2020)
2. ASELSAN- Mechatronics Engineer (2014-2016)
3. Independent Consultant (2016-2022)
4. Eureka- Technical Expert (2019-2022)
5. Appen-AI Engineer (2020-2022)
6. Enago- Academic Editor in Physical Sciences & Engineering (2020-2021)
7. AlphaSights- Consultant (2022-current)
8. Panther Professional Services-Academic Editor (2022-current)

**Skills:**

\*\*\*\*\*(Excellent) \*\*\*\*(Very Good) \*\*\*(Good) \*\*(Fair) \* (Poor)

|  |  |
| --- | --- |
| Skills | Level |
| Python (Keras, Scikit learn, Pandas, PyTorch, NumPy, Matplotlib, etc.) | \*\*\*\*\* |
| OpenCV | \*\*\*\*\* |
| TensorFlow | \*\*\*\*\* |
| Matlab/Simulink | \*\*\*\*\* |
| SQL & Databases | \*\*\*\*\* |
| R | \*\*\*\*\* |
| SPSS | \*\*\*\*\* |
| Analysis and reporting | \*\*\*\*\* |
| Statistical tests (T-test- paired t-test, ANOVA/MANOVA, etc.) | \*\*\*\*\* |
| Data mining | \*\*\*\*\* |
| Time series analysis | \*\*\*\*\* |
| Optimization | \*\*\*\*\* |
| Fuzzy Logic | \*\*\*\*\* |
| Signal processing | \*\*\*\*\* |
| Pattern recognition and computer vision | \*\*\*\*\* |
| Data science | \*\*\*\*\* |
| Machine Learning (supervised, unsupervised and reinforcement learning) | \*\*\*\*\* |
| Deep Learning | \*\*\*\*\* |
| Neural Networks | \*\*\*\*\* |
| Evolutionary Algorithms (Genetic Algorithm, Particle Swarm Optimization, etc.) | \*\*\*\*\* |

**List of Publications:**

1. 4th International Conference of Control, Dynamic Systems and Robotics (CDSR’17) Toronto, Canada

Title: Attitude Control of Cubesat in Single Axis by Fuzzy Logic Controller

1. ICAT 9th International Conference on Advanced Technologies, August 10-12, 2020 Istanbul, Turkey.

Title: Fault Detection of Bearings with Time Series Analysis: A Pilot Study