

# REYHAN DEDE



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After completing my undergraduate education, I started my graduate education. I am a graduate student in the thesis stage. I am also interested in my postgraduate courses and thesis in related sub-fields of artificial intelligence. I constantly increase my knowledge by participating in various trainings and competitions. Having a progressive and innovative with developing solutions to complex problems to meet high business expectations.

Innovative, committed to continuously improving skills and processes. Enthusiastic, resilient, tenacious, adaptable, collaborative.

**Language:** Intermediate in English. ( B1 )

**Technologies:** Python, Machine Learning, Excel, Sql, IBM SPSS, RapidMiner, Knime , Weka, Tableau, Qlik Sense, Apache Spark, C, React.js, JavaScript

## Key Achievements

- Teknofest Enterprise Program, 04 / 09 / 2022
- Teknofest ( Finalist ) Educational Technology Competition Participation, 26 / 09 / 2021

## EDUCATION

**Master of Computer Engineering (M.C.E.)**, Yildiz Technical University, Istanbul / Turkey ,  
Feb 2022 - Present (In the Thesis Process )

**Thesis Topic :** Creating Realistic Images With Generative Adversarial Networks

**Bachelor of Science (BS) in Computer Engineering**, Konya Technical University ( Selcuk University ), Konya / Turkey, Sep 2017 - August 2021 (HONOR DIPLOMA - GNO: 3.34)

## EXPERIENCE

**Ankabeta Technology Inc**, Istanbul / Turkey  
Cyber Security Intern

**June, 2021 –August, 2021**

- Basic cyber security training was received.
- Suricata, MitM Attack

**Sumo Software and Consulting**, Istanbul / Turkey  
Software Designer As An Intern

**July, 2019 – August, 2019**

- Current Stock Tracking Program C#, SQL for Database Automation, eBA Capture, eBA Workflow Management, eBA Documentation, eBA Dashboard

## TRAINING & CERTIFICATIONS

- **Wtech Academy and SabancıDx** Qlik Sense End User, Developer Bootcamp, Nov 2022 – January 2023
- **Miuul**, Machine Learning Summer Camp Bootcamp, July 2022 - August 2022
- **Global Ai Hub**, Python and Data Visualization Bootcamp, July 2022 – August 2022
- **Techcareer.net**, Data Mining Bootcamp March 2022 - April 2022
- **Patika.dev and Innovance**, React.js Bootcamp July 2021 - August 2021
- **Global Ai Hub**, Python for Machine Learning, July 2022
- **Coursera and Google**, Crash Course on Python, December 2022

## SOME DEVELOPED PROJECTS

- **QUESTION ANSWER APPLICATION**

For the appropriate answer to the question asked, the data content is provided with the links obtained from the Google search engine. The answer data and the question are made suitable for the Bert algorithm. The answer is obtained.

**Used technologies:** Python ( Flask , BeautifulSoup, Selenium , Transformers , Googletrans ) Html , Css , Javascript

**Link:** [https://reyhandede.github.io/post\\_ds1.html](https://reyhandede.github.io/post_ds1.html)

- **FEMICIDE DASHBOARD**

Collecting femicide data via web scraping, analyzing and visualizing it with a dynamic dashboard.

**Used technologies:** Python ( BeautifulSoup, Dash, Plotly, Numpy , Pandas )

**Link:** [https://reyhandede.github.io/post\\_ds2.html](https://reyhandede.github.io/post_ds2.html)

- **CERVICAL CANCER IMAGE PROCESSING**

Detection and classification of cervical cancer images by transfer learning method.

**Used technologies:** Python (Keras, Tensorflow, Matplotlib, Shutil, Sklearn, Numpy , Pandas )

**Link:** [https://reyhandede.github.io/post\\_ds4.html](https://reyhandede.github.io/post_ds4.html)

- **DETECTION OF CYBERBULLYING TWEETS**

Detection of cyberbullying tweets with natural language processing (NLP) methods.

**Used technologies:** Python ( Sklearn, Tkinter, Matplotlib, Numpy , Pandas, Seaborn)

**Link:** [https://reyhandede.github.io/post\\_ds5.html](https://reyhandede.github.io/post_ds5.html)

- **ROAD ACCIDENT TABLEAU ANALYSIS**

**Link:** [https://public.tableau.com/app/profile/reghan.dede/viz/RoadAccident\\_16866001445560/Dashboard?publish=yes](https://public.tableau.com/app/profile/reghan.dede/viz/RoadAccident_16866001445560/Dashboard?publish=yes)

- **ChatGBT API USAGE**

**Used technologies:** Python ( Sklearn, BeautifulSoup, Numpy, Pandas, Seaborn)

**Link:** [https://reyhandede.github.io/post\\_ds3.html](https://reyhandede.github.io/post_ds3.html)

- **HEARTBEAT ABNORMALITY DETECTION**

Classification of various heartbeat sounds by long-short-term (LSTM) memory method.

**Used technologies:** Python ( Librosa, Tqdm, Noisereducer, Keras, Tensorflow, Matplotlib, Sklearn, Numpy )

**Link:** [https://reyhandede.github.io/post\\_ds6.html](https://reyhandede.github.io/post_ds6.html)

- **CUSTOMER CLUSTER ANALYSIS**

Clustering bank customers with more than one categorical feature using the k-modes method.

**Used technologies:** Python ( K-modes, Sklearn, Numpy ,Pandas)

**Link:** [https://reyhandede.github.io/post\\_ds7.html](https://reyhandede.github.io/post_ds7.html)

- **FINANCIAL DATA ANALYSIS**

Analysis of buying and selling criteria according to the opening and closing values of financial units.

**Used technologies:** Python ( Yfinance, Decompose, Plotly, Matplotlib, Sklearn, Numpy)

**Link:** [https://reyhandede.github.io/post\\_ds8.html](https://reyhandede.github.io/post_ds8.html)

- **EVELEYE**

Android application with digital image processing.

**Used technologies:** Android Studio, Java , OpenCv

**Link:** <https://github.com/Reyhandede/EVELEYE>

- **IOT MANAGER**

Using the internet of education technology, data from the arduino is managed with a rule-based system.

**Used technologies:** Node.js , Chart.js , Socket.io , Html , Css , JavaScript , Arduino IDE , lowdb , MongoDB

**Link:** <https://github.com/Reyhandede/IotManager>