



TAHA ÖZTÜRK

DATA ANALYST

BACKGROUND

- I worked as a mechanical design engineer in R&D office of Arçelik Electronics Plant for 1.5 years.
- Then I started to work in the internal combustion engine at FEV TR company. I worked as a consultant for big OEMs such as BMC Power and Ford Otosan.
- I completed my undergraduate education at Istanbul Technical University which is one of the top universities in Turkey. During my education, I took part in technical clubs as well as improving myself in software languages such as Python, MATLAB and C.
- I am continuing my Artificial Intelligence Master's Degree at Bahçesehir University. With this master's degree, I had the opportunity to sharpen my skills in artificial intelligence, machine learning, data analytics and data science.

FOREIGN LANGUAGES

English

e-YDS : 90/100
TOEFL : 89/120
ITU Proficiency : 85/100

German

GOETHE INSTITUT B1 Zertifikat
Marmara University MÜSEM A2 Certificate

PERSONAL INFORMATION

Date of Birth : 31/03/1997
Driving Licence: B Class (Car)
Military Service: Done

EDUCATION

ISTANBUL TECHNICAL UNIVERSITY

Mechanical Engineering Undergrad (Eyl 2015 - Eyl 2020)

- GPA: 3.03/4.00
- Technical Staff Club Presidency Apr 2019 - Sep 2020
- ITU Racing Mar 2016 - Aug 2018

BAHCESEHIR UNIVERSITY

Artificial Intelligence Master (Sep 2022 - June 2024)

- GPA: 3.14/4.00
- Machine Learning, Principles of AI, Optimisation of AI
- Image and Video Processing, NLP, Cloud Computing
- Game Theory for Engineers, Research Methods
- Thesis Topic:** Comparison of Traditional and Modern Artificial Intelligence Approaches in Chess Games

WORK EXPERIENCE

FEV Turkey

Design Engineer | May 2022 - December 2023

- Concept design studies on the 2.0 L gasoline engine project
- Design support in power conversion systems at BMC Power
- CAD designs for Ford Otosan's mass production and industrial engines and transmissions

Arçelik Global

R&D Engineer | November 2020 - April 2022

- Contributing from prototype to mass production in TV projects
- Design improvements according to mechanical testing, quality and manufacturing findings
- Design modifications of plastic and EPS materials
- Patent research, Benchmark studies, Raw material studies

Arçelik Global

R&D Engineering Internship | July 2019 - Sep 2019

- Stopping mechanism for glass top lid of stoves, meat probe cover inside the oven, soft-close lock mechanism for microwave oven, child lock design projects for oven door

Ford Otosan

Proses Engineering Internship | June 2019 - July 2019

- A study on shortening the cycle time of a station that creates a bottleneck in the production line of FORD Custom vehicles.



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INTERESTS

- I have gained approximately 3.5 years of experience in the field as a mechanical engineer and I have been improving myself in the field of artificial intelligence for a long time. My ability to effectively use artificial intelligence tools such as Python, TensorFlow, Keras and SQL has supported my skills in this field. Additionally, the various trainings and certificates I received helped me to reinforce these skills.
- During my artificial intelligence master's program, I studied machine learning, deep learning, image processing and many other artificial intelligence topics. My thesis is on comparing chess software prepared with traditional and modern artificial intelligence approaches.
- In order to deeply focus on opportunities as "Data Analyst", I left my mechanical engineer job and I am ready to take the next step to gain more experience in data analytics field.

CONTACT INFORMATION

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

Medium: <https://medium.com/@tahaozturk>

PERSONAL PROJECTS

- Vehicle Rental System in Python
- TV Remote Control System in Python
- Tic Tac Toe Game in Python
- A/B Test for a Marketing Campaign
- Real-Time Object Tracking in a Traffic Video
- Cloud Transformation Process of GRC Company
- Fire and Smoke Detection with Deep CNN Multi Label Classification using different Optimizers
- Chatbot Using Dialogue From Cornell University's Movie Dialogue Corpus

COMPUTER SKILLS

- Python: Numpy, Pandas, Sckit-Learn, Tensorflow, Keras, Matplotlib, Seaborn, Plotly
- SQL
- CI/CD: Git-Github
- MATLAB - R
- ChatGPT / Google Bard
- Dart & Flutter - Firebase
- C - C# - Unity
- MS Office (Excel, Powerpoint, Word) - SAP
- Notion, Trello, ClickUp ext. project management tools

CERTIFICATES

- Python and Tensorflow for Data Science - BTK Academy
- Version Controls: Git and GitHub - BTK Academy
- Introduction to Deep Learning with Keras - BTK Academy
- Introduction to Data Science with R - BTK Academy
- MATLAB Onramp Training -MathWorks
- Koç Dialog Emeritus Development Program
- GOBI - ITU Investment Club
- Goethe Certificate B1
- Young Business Academy - Young MÜSİAD