



# ALPARSLAN MESRİ

Data Scientist



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09.10.1988



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<https://github.com/simplextable>



<https://medium.com/@alpmesri>

Portfolio: <https://simplextable.github.io/>

## Profile

I am curious and creative person. I am interested in many different subjects. I enjoy talking or listen about matters deeply. Also, I feel comfortable and happy in a nerd environment. I would like to work in an innovative, research-based company that has intellectual human resources.

## Education

**Master's Degree in Engineering Management, 3.89/4.00**

**2015 - 2017**

Hacettepe University, Ankara, Turkey

(Graduated with highest degree)

**Master's Degree Thesis:** [Web Mining and Sentimental Analysis a Bank Software by User Comments\(NLP\)](#)

**Master's Degree in International Relations (Exchange Student)**

**2013 - 2014**

Westfälische Wilhelms-Universität, Münster, Germany

**Master's Degree in International Relations**

**2012 – 2014**

Istanbul Kultur University, Istanbul, Turkey

(Left in the thesis phase)

**Bachelor's Degree in Industrial Engineering**

**2007 – 2012**

Eskişehir Osmangazi University, Eskişehir, Turkey

([First 2,5% in national university exam](#))

**Bachelor's Degree Thesis:** *Lean Manufacturing Application: Optimization of the Layout of a Warehouse Using Mathematical Model*

**Bachelor's Degree in Public Administration**

**2007 – 2011**

Anadolu University, Eskişehir, Turkey

# Work Experience

## Trading Algorithm Developer My Own Business

06/2021 – Currently

*I develop trading algorithm software for my own transactions in financial markets with Python.*

## Data Scientist (Internship) Manzanita Intelligent Marketing Co.

09/2020 – 12/2020

*Our business is digital marketing that builds software to accelerate client campaigns. In my role, I used retrieved Japanese twitter data, made needed data cleanings, visualization, created more than 50 machine learning models and reported findings to lead data scientist.*

## IT Specialist Hacettepe Technology Transfer Center, (Library For Everyone Project / Librar-e Turkey Project Funded by Bill & Melinda Gates Foundation)

06/2014 – 08/2018

*Our business which was funded by Bill&Melinda Gates Foundation was project-oriented work. During that period I developed needed software for the project team based on PHP, javascript, and MySQL. Built data pipelines for Impact Assessment Team. Made business analysis for a management information system software developed by a contractor. Also, I was buyer-side tech responsible for the developed software by other companies.*

Temporary Job: Westfälische Nachrichten-Münster	2013
Intern: Pasabahce Co, Production Planning Department	2012
Intern: Eskisehir Municipality, Strategic Planning Department	2011
Intern: Ramtek Machine Industry, Production Department	2010

## Skills

### Languages:

**Turkish:** Proficient / Native  
**English:** Fluent  
**German:** Intermediate  
**Persian:** Intermediate

### Tools and Programming Languages:

Python, NumPy, Pandas, PyTorch, Tableau,  
Weka, PHP, MYSQL

## Certification

- [FreeCodeCamp, Machine Learning with Python \(300 Hours\)](#) 01/2021
- [FreeCodeCamp, Data Analysis with Python \(300 Hours\)](#) 08/2020
- [HSE, Introduction to Deep Learning \(6 Weeks\)](#) 07/2020
- [Deeplearning AI, Improving Deep Neural Networks \(3 Weeks\)](#) 06/2020
- [IBM Data Science \(3 Weeks\)](#) 05/2020
- [Machine Learning by Python by UDEMY \(23 Hours\)](#) 03/2020
- [FreeCodeCamp, JavaScript Algorithms and Data Structures \(300 Hours\)](#) 02/2020
- [PHP Web Programming Course by UDEMY \(45 Hours\)](#) 03/2019
- [Project Management Professional \(PMP\)](#) 09/2018
- [METU \(Middle East Technical University\) Information](#) 10/2015

Technology Certificate, called IDEA (336 Hours – 9 months)

(Courses: Computer Systems and Structures, Introduction to Computer Programming with Java, Data Structures and Algorithms with Java, Operation Systems with UNIX, Software Engineering, Database Management Systems, Web Programming, Software Development Project)

ESOGÜ* Young Entrepreneurs Executive Board Member	2010 – 2011
ESOGÜ Chess Club Supervisory Board Member	2010 – 2011
ESOGÜ Chess Club President	2009 – 2010
ESOGÜ Chess Club Vice President	2008 – 2009
ESOGÜ Industrial Engineering Student Club Membership	2007 – 2008

\* : Eskisehir Osmangazi University

## Projects

### Developed Software:

- **Inventory** (2014): Retrieves hardware configuration data from each client.
- **Request Track** (2015): Collecting client's computer repair requests, stores and creates needed reports.
- **Library Management Software** (2015): A web-based environment to store library information. Developed for IT Certificate Phase.
- **To-Do** (2018): A Web-based task planner. Developed for personal interest.
- **Price-Action Model1** (2022): Python based trading bot.

### Buyer Side Project Leaderships:

- **Analyzer** (2016): Reporting and visualization software.
- **Life Repository** (2017): A web-based management information system used by the Project team and clients.
- **IN-KA** (2017): It provides a tool for libraries to manage their user pcs. Developed by a contractor.

### Data Science Projects:

**Web Mining and Sentimental Analysis a Bank Software by User Comments**(2017)

**Video Game Sales**(Jan 2020)

**Titanic: Machine Learning from Disaster**(Feb 2020)

**House Prices: Advanced Regression Techniques**(Mar 2020)

**Predict Future Sales**(Apr 2020)

**Categorical Feature Encoding Challenge II**(Apr 2020)

**Real or Not? NLP with Disaster Tweets**(May 2020)

**Flu Shot Learning: Predict H1N1 and Seasonal Flu Vaccines**(May 2020)

**Vidhya Twitter Sentiment Analysis**(Jun 2020)

**San Francisco Crime Classification**(Aug 2020)

**Customer Satisfaction**(Sep 2020)

**Quora Sincerity**(Oct 2020)

**Fake News**(Nov 2020)

**Japanese NLP**(Dec 2020)

**BTC Correction Listing**(Jan 2021)

**DogeCoin**(Feb 2021)

**Bike Usage Visualization**(Feb 2021)

**BTC Market MACD Trading Algorithm**(Jun 2021)

**Sales Forecasting with Arima**(Feb 2022)

**Predictive Maintenance Classification**(Feb 2022)

**Solar Panel Electricity Generation Arima**(May 2022)

**Surgery Volume Prediction**(June 2022)

**Ethereum NFT Analysis**(July 2022)

Links of project codes, articles and other details can be accessed via [portfolio link](#).