



# ALPARSLAN MESRI

## Machine Learning Engineer



Tokyo / Japan (Residence - Permanent Visa)



+81 80 8032 9216



alpmesri@gmail.com



[Linkedin](#)



[Medium](#)



[GitHub](#)

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## Profile

I want to provide clients with the highest quality of service, and I am constantly striving to improve myself to achieve this.

## Work Experience

### Founder of [Etruscai](#)

06/2023 – present

*Etruscai is a non-profit Machine Learning and Data Science organization. Its target is to contribute to its members' careers in the ML/DS field by conducting research projects and competing in Kaggle competitions.*

### Machine Learning Engineer Mentor Freelancer

01/2020 – 11/2023

*I provided mentorship for 6 customers. We worked on various type of ML projects. Documented these projects on medium as [articles](#). These articles have garnered approximately [6400 reads](#).*

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

09/2020 – 12/2020

*I used retrieved Japanese Twitter data, made needed feature engineering, created neural network models and, reported findings to the lead data scientist.*

### Investor and Trading Algorithm Developer (Part-time) [My Own Business](#)

12/2018 – 07/2022

*1- I invested crypto market in 2018. During this period I have done lots of research about crypto and world financial markets.*

*2- I developed a [trading bot software](#). Development phase took 1 year. I coded algorithms, created schematics for the software and visualized required data using data science techniques, all of which were done using Python. As the program was quite extensive, I optimized the code's performance.*

### Software Engineer

06/2014 – 08/2018

[Hacettepe Technology Transfer Center \(Library For Everyone / Librar-e Turkey Project of Bill & Melinda Gates Foundation\)](#)

*[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.*

## Education Math Field

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

**2015 - 2017**

Hacettepe University, Ankara, Turkey  
(Graduated with the highest degree)

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

**Information Technologies Certificate Program**

**2014 - 2015**

**Middle East Technical University, Computer Engineering Department:**

Computer Systems and Structures, Introduction to Programming with Java, Data Structures and Algorithms with Java, Operating Systems with UNIX, Software Engineering, Database Management Systems, Web Programming, Software Development Project

**Bachelor's Degree in Industrial Engineering**

**2007 – 2012**

Eskisehir Osmangazi University, Eskişehir, Turkey  
(First 2,5% in national university exam)

**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 Public Administration**

**2007 – 2011**

Anadolu University, Eskişehir, Turkey

[Elbas, H. and Mesri, A. \(2022\), "Why Sentiment Analysis-Based Metrics are Essential for Measuring Channel Performance on YouTube: An Experimental Study", Duzce University Journal of Science & Technology](#)

- [DeepLearning AI, Practical Data Science on the AWS Cloud \(4 Weeks\)](#) 09/2023
- [DeepLearning AI, Machine Learning Modeling Pipelines in Production \(5 Weeks\)](#) 07/2023
- [DeepLearning AI, Machine Learning Engineering for Production – MLOps \(4 Weeks\)](#) 05/2023
- [DeepLearning AI, Introduction to Machine Learning in Production \(3 Weeks\)](#) 05/2023
- [IBM Deep Learning Networks with Pytorch \(7 Weeks\)](#) 04/2023
- [AWS Certified Machine Learning – Speciality](#) 03/2023
- [AWS Cloud Practioner](#) 10/2022
- [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

## Education Non - Math Field

## Publications

## Certification

## Skills

**Languages:** **Turkish:** Native, **English:** Fluent, **German:** Intermediate, **Persian:** Intermediate

**Skills:** [Python](#), [SQL](#), [AWS](#)[1][2][3], [PHP](#), [CI/CD](#)[1][2][3], [HuggingFace](#), [TextSummarization](#), [Tableau](#)

**Libraries:** Mecab, Vader, PyTorch, [TFDV](#), [Spacy](#), [Nltk](#), [Scikit-learn](#), [Pandas](#), [Numpy](#), [SageMaker](#)