WORK EXPERIENCE

Blue.cloud **November 2021 – Present**
Senior Data Engineer *İstanbul, Turkey Remote*

- I am taking part as a consultant in the data-centric digital transformation projects of large scale corporations, ensuring the process involves state-of-the-art tools, methods, and architectures.

AISafety.com **November 2021 – Present**
Fractional CTO *İstanbul, Turkey Remote*

- I am helping with building the infrastructure for AISafety.com which has been founded to research and apply ML models for optimizing business processes while ensuring that ML will be used for the benefit of humanity.

Independent **June 2015 – Present**
Data ML Engineering, Cloud Development, DevOps Consultant *İstanbul, Turkey Remote*

- Been working as an independent consultant, mainly creating end-to-end data-centric solutions

- Have collaborated with distributed teams with members from all around the world successfully with specialists in various areas to build stable and manageable data and ML architectures

- Companies I worked with include Business Science Associates, Cognius.AI, Wisdom Labs, SnapEx, Nimbus Therapeutics

- Some specific examples of my experience are:
    - Creating fully automated BI systems using various Statistical and ML tools
    - Visualizing and analyzing customer behavior data, extracting useful inferences
    - Migrating present data solutions to Cloud, or architecting Cloud-based solutions from scratch
    - Doing financial analytics, creating automated Algorithmic Trading applications

Massive Bio **March – November 2021**
Machine Learning Engineer *İstanbul, Turkey Remote*

- Developed and optimized NLP applications in order to find suitable treatment options for cancer patients

- Works done include
    - optimizing ML algorithms written in Python
    - architecting and implementing ELT pipelines in the multi-cloud (mainly Azure & AWS) environment
    - defining relevant KPIs and developing strategies
    - leading projects for obtaining government grants

Commencis **December 2020 – March 2021**
Cloud Data Engineer *İstanbul, Turkey*

- Helped our clients plan, implement, and maintain Cloud-centric (mainly AWS) data storage, processing, analytics, ML solutions, often using Python for scripting

EDUCATION

Boğaziçi University **2008-2012**
Molecular Biology and Genetics Physics, B.S. *İstanbul, Turkey*

- Graduated with honors, doing a double major completing both degrees in 4 years

- Participated in Computer Science and Data Analysis trainings during my education and took relevant courses

- Physics education helped greatly in improving my quantitative skills, including CS and Mathematics

Boğaziçi University   **2012-2015**
Molecular Biology and Genetics, M.S.   *İstanbul, Turkey*

- Master's thesis was in the area of Bioinformatics, on creating an application for analysing the genomic data of Epilepsy patients for diagnosing them more accurately, using Python with advanced ML methods

SKILLS & INTERESTS

- **Skills:** Programming (Python, JS), Deep Learning, NLP, Statistics, Distributed Computing (Kafka, Spark), Cloud (AWS, Azure, GCP), Relational & NoSQL Databases, Kubernetes, MLFlow, ETL, Data Warehousing (Snowflake, BigQuery, Redshif), Bioinformatics
- **Interests:** General AI, AI safety, Literature (mainly mystery-themed), Film (mainly horror), History (mainly Ancient History), Philosophy of Mind, Football, Chess, hiking, Ecology, coffee