



#### Email

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#### Phone

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#### Date of birth

Nov 2, 1993

#### Nationality

Turkish

#### Social links, website

>>> [www.linkedin.com/in/onrcn93/](https://www.linkedin.com/in/onrcn93/)

>>> <https://github.com/Onurcn93//>

>>> [www.kaggle.com/onrcan/](https://www.kaggle.com/onrcan/)



#### Skills

Python

Java

C++

SQL

KNIME Analytics

Machine Learning

Reinforcement Learning

Deep Learning

Artificial Intelligence

Data Modeling

Statistical Data Analysis

Problem Solving

Leadership

Team Management

AWS

Big Data



#### Languages

##### English

Advanced

##### Turkish

Native

## Onur Can

### Senior Data Scientist & Team Lead

Excelled in breaking down complex business problems and formulating tailored data-driven solutions to increase efficiency, accuracy and utility of both internal data processing and data modeling. Experienced in creating data regression models, predictive data modeling and clustering methods. Possesses extensive analytical skills, strong attention to detail and an outstanding ability to work in team environments. Experienced in guiding teams to develop innovative solutions, leveraging advanced analytics to drive strategic decision-making and business growth.

#### Experience

##### Senior Data Scientist

###### Eczacıbaşı Bilişim *İstanbul*

Mar 2023 - Present

###### DNA LAB

###### SMART AI Team Lead

- Smart AI Team consists of data scientists and data engineers that are dedicated to pioneering the development of unique and innovative products and projects that leverage cutting-edge machine learning, cloud, and AI technologies for Eczacıbaşı subsidiary companies.
- Product Owner skilled in prioritizing features and driving product vision to deliver exceptional user experiences. Adept at collaborating with cross-functional teams to ensure alignment and maximize value throughout the product lifecycle
- Experienced in guiding teams to develop innovative solutions, leveraging advanced analytics to drive strategic decision-making and business growth.

###### Mineral Prospectivity Mapping (Promap) Project

- Developed robust predictive models that transformed geological and geospatial data into actionable insights, empowering stakeholders to make informed investment and exploration decisions.
- Contributed to sustainable mining practices by pinpointing mineral deposits with minimal environmental impact, fostering responsible resource extraction.

###### Paper Anomaly Project

- Implemented an end-to-end project that aims predicting paper breakage and winding stops using machine learning and computer vision AI applications.
- Created pre-detection and warning mechanisms to guide operators based on model predictions and data analytics.
- Achieved approximately 9% savings in the annual gross maintenance time and raw material losses.

###### Qualitics Project

- A project on predicting the scrap rate based on heat and other production process parameters during the manufacturing of bathroom equipments.
- Feature engineering and clustering studies necessary for identifying key parameters.
- Created several ensemble learning tree models for process tracking for business units
- Developed dashboards, analytics windows, and recommender systems for the manufacturing team to optimize the manufacturing process through prescriptive mechanisms.

**Skills:** • TensorFlow • Machine Learning • Python • C++ • Reinforcement Learning • SQL • Deep Learning • AWS • Team Manamgent

##### Machine Learning Engineer

###### Turkish Aerospace Industries (TAI) *Ankara*

Jan 2021 - Jan 2023

###### Turkish Fighter Development (TF-X) Project

###### Artificial Intelligence & Machine Learning Department

- Used Reinforcement Learning (RL) to build decision making models to increase the efficiency of tactical simulations
- Anomaly detection and time series regression analysis for of fatigue analysis and aircraft sensor quality assurance in real time flight tests.
- Classification model deployments for aircraft missile and weapon threat assessment by hit & miss probabilistic approach.
- Collected data from the flight environment and creating models using Machine Learning (ML) algorithms to help decision makers.
- Developed Air simulation tactical scene fighter jet engagement AI entities and tests models.
- Worked in an Agile environment using software development best practices (Scrum, Git, Jira, Confluence).

**Skills:** • PyTorch • Keras • TensorFlow • Machine Learning • Python • C++ • Reinforcement Learning • SQL • Deep Learning

##### Data Scientist

###### Turkish Aerospace Industries (TAI) *Ankara*

Feb 2019 - Jan 2021

###### Turkish Fighter Development (TF-X) Project

- Implemented performance clustering analysis for project team members.
- Implemented process optimizations through descriptive studies of previous policies & processes.
- Prepared data visualisations for project KPIs.
- Created risk impact and probability models from internal datasets for the project and product risks.
- Cost-Benefit Analysis for requested performance baseline changes.
- Provided forecasts for work package completion in the project master schedule.

**Skills:** • Machine Learning • Python • C++ • SQL • Deep Learning

#### Education

##### Master of Science in Data Science

###### Koç University *İstanbul*

Aug 2021 - Aug 2022

**Key Courses Taken:** Machine Learning, Deep Learning, Big Data Systems, Statistical Data Analysis, Data Science for Business Environment, Cloud Computing

##### Master of Business Administration

###### Bilkent University *Ankara*

Sep 2019 - Jun 2021

##### Bachelor of Science in Industrial Engineering

###### Bilkent University *Ankara*

Jan 2013 - Aug 2018