

Ali Yesilkanat

Machine Learning Engineer

Experienced machine learning engineer & data scientist with several years of expertise with real-world problems and hands-on experience in software engineering.



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github.com/aliyesilkanat 🌐

stackoverflow.com/users/1851601/ 📄

WORK EXPERIENCE

Machine Learning Engineer Specialist - Full Time

Yapi Kredi Technology

03/2018 - 07/2020

Istanbul, Turkey

Projects

- Developed machine learning-based credit card fraud detection system using real-life customer data
- Designed online concept drift prevention mechanism for changes in customer behavior
- Developed Python Flask and Java Spring Boot Application in Docker Containers
- Designed big data platform for cross-channel fraud detection system

Software Developer - Full Time

OBSS

08/2016 - 05/2017

Istanbul, Turkey

Projects

- Designed SOAP Web Services for banking framework
- Converted core banking logic PL/SQL codes into Java Hibernate based services

EDUCATION

Master of Science, Department of Computer Engineering

Bogazici University

09/2017 - 04/2020

Istanbul, Turkey - GPA: 3.77

Thesis/Courses

- Thesis: Adversarial One-Shot Voice Conversion with Disentangled Representations
- Machine Learning, Deep Learning, Deep Generative Models
- Speech Processing, Computer Vision, Natural Language Processing
- Probabilistic & Monte Carlo Methods

Bachelor of Science, Department of Computer Engineering

Ege University

09/2012 - 06/2016

Izmir, Turkey - GPA: 3.71

Thesis

- Sentiment Analysis of Tweets using Machine Learning with Akka Actors

LANGUAGES

English
Full Professional Proficiency

French
Elementary Proficiency

German
Elementary Proficiency

Turkish
Native or Bilingual Proficiency

INTERESTED TOPICS

Machine Learning

Deep Learning

Data Science

Artificial Intelligence

Software Engineering

TECHNICAL SKILLS

Machine Learning

Pytorch, Keras, Tensorflow, Numpy, Scikit-Learn, Pandas, Jupyter Notebook

Software Development

Python, Java EE, Spring, Redis, Git, Bash, Docker

PUBLICATIONS

Conference Paper

An Adaptive Approach on Credit Card Fraud Detection using Transaction Aggregation and Word Embeddings

Author(s)

A. Yesilkanat, B. Bayram, B. Koroglu, S. Arslan

2020

Artificial Intelligence Applications and Innovations

Conference Paper

LSTM Based Cross- corpus and Cross-task Acoustic Emotion Recognition

Author(s)

H. Kaya, D. Fedotov, A. Yesilkanat, O. Verkholyak, Y. Zhang, A. Karpov

2018

INTERSPEECH

CERTIFICATES

Generative Adversarial Networks Specialization (2021)

Coursera [deeplearning.ai](#)

Neural Networks and Deep Learning (2018)

Coursera [deeplearning.ai](#)

Sequence Models (2018)

Coursera [deeplearning.ai](#)

Data Science, Deep Learning & Machine Learning with Python (2018)

Udemy

HOBBIES

Electronic Music Producing