

EMRE OKULAR

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A result-oriented problem solver and an outgoing teammate with strong communication skills. With mathematical background and more than 3 years of software development experience in streaming analytics, currently pursuing MS in Data Science at University of San Francisco. Excited to combine real world data problems with deep data science perspective.

EDUCATION

University of San Francisco	San Francisco, CA
M.S. in Data Science	August 2020 – August 2021(Expected)
<ul style="list-style-type: none">Relevant Coursework: Python, Data Acquisition, Machine Learning, Probability and Statistics	
Yildiz Technical University	Istanbul, TURKEY
Bachelor of Engineering in Mathematical Engineering , GPA 3.07/4.00	September 2012 – June 2017
<ul style="list-style-type: none">Relevant Coursework: Linear Algebra, Calculus, Programming, Probability and Statistics, Data Management, Optimization, Computer Vision, Image Processing, AIDissertation : “Clustering Methods for Big Data”Design Applications in Mathematical Eng. : “Big Data Analytics with Machine Learning”100% English Program	
Graz University of Technology	Graz, AUSTRIA
Erasmus Exchange Program in Computer Science and Mathematics	October 2014 – August 2015
<ul style="list-style-type: none">Participated in the Erasmus Student Exchange Program in fall and spring semestersRanked 1st among the outgoing Erasmus students in the department.	

WORK EXPERIENCE

Data Science Intern	January 2021 – Present
Dictionary.com, CA	
<ul style="list-style-type: none">Contributing Ad revenue maximization and word games projects.	
Data Analytics Developer	August 2017 – October 2020
Turkcell, Istanbul,TURKEY	
<ul style="list-style-type: none">Collaborated with the direct marketing team in AI and Analytics Solutions Department to develop marketing applications with Java, PL/SQL and Python.Developed real time streaming analytics systems with Lean Agile Methodologies.Automated push notification response collection to provide metrics to the marketing team.Integrated complex event processing systems and enabled event based scenarios for business teams.Increased customer experience in SMS channel by refining smart message response system with text analytics techniques.	
Data Science Intern	February 2017– March 2017
EVAM Streaming Analytics, Istanbul, TURKEY	
<ul style="list-style-type: none">Identified first ML algorithm for streaming analytics concept with academic resources.Implemented streaming clustering algorithms such as DenStream to analytics engine.Performed tests for R&D projects with R, Python, Java, Apache Spark and MOA.	
Information Technologies and Solution Development Intern	June 2016 – July 2016
Anadolu Sigorta, Istanbul, TURKEY	
<ul style="list-style-type: none">Collaborated with the DevOps team to develop automated pipelines for application lifecycle management.	
Marketing Project Assistant	February 2014 – August 2014
Dugun.com, Istanbul, TURKEY	
<ul style="list-style-type: none">Improved customer data quality for the sales team by collecting various data in Call Center.Enhanced website content with editors from the marketing team.	

PROJECTS

Push Notification Response Collection System	2019
Short Text Message Analytics	2018

TECHNICAL SKILLS

Python, Java, PL/SQL, R, Spark, Kafka

HONORS & SCHOLARSHIPS & AWARDS

Honored Student : Ranked 4th out of graduates in Department , Yildiz Technical University	2017
EU Scholarship 100% : Erasmus Exchange Program , Graz University of Technology	2015

SEMINARS & ADDITIONAL EDUCATIONS & CERTIFICATES

SQL Tuning (24 Hours in class training)	2020
Introduction to Apache Spark (24 Hours in class training)	2019
MIT Innovation & Leadership Bootcamp (1 Week)	2018
Deutsches Sprachdiplom B1 German Certificate	2015