

EMRE OKCULAR

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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 with a focus on applied ML. Excited to combine real world problems with a deep data science perspective.

EDUCATION & HONORS

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: Machine Learning, Probability and Statistics, Python, EDA and Data Visualization, Databases	
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, Optimization, Computer Vision, Image Processing, AI, Data ManagementDissertation : “Clustering Methods for Big Data”Honored Student : Ranked 4th out of graduates in Department100% 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">Ranked 1st among the outgoing Erasmus students in the department.Awarded 100% European Union Scholarship	

WORK EXPERIENCE

Data Analytics Developer	August 2017 – October 2020
Turkcell	Istanbul, TURKEY
<ul style="list-style-type: none">Developed marketing applications in the direct marketing team at AI and Analytics Solutions Department with Java, PL/SQL and Python.Improved real time streaming analytics systems with Lean Agile Methodologies and delivered new features.Built push notification response collection web service to provide metrics and insights to the marketing team.Integrated real-time complex event processing systems to various data sources and enabled event based scenarios for business teams.Increased customer experience in SMS channels by discovering customer needs with NLP techniques.	
Data Science Intern	February 2017– March 2017
EVAM Streaming Analytics	Istanbul, TURKEY
<ul style="list-style-type: none">Identified first ML algorithm to implement for streaming analytics concept with analyzing academic resources.Implemented streaming clustering algorithms such as DenStream to the analytics engine product as a first analytics feature.Performed density based clustering on real-time streaming data to find dynamic clusters with R, Python, Java, Apache Spark and MOA.	
IT Intern	June 2016 – July 2016
Anadolu Insurance	Istanbul, TURKEY
<ul style="list-style-type: none">Collaborated with the DevOps team to develop automated pipelines to improve 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 the Call Center.Enhanced website content with editors from the marketing team.	

PROJECTS

<ul style="list-style-type: none">Push Notification Response Collection System , Turkcell	2019
<ul style="list-style-type: none">Short Text Message Analytics, Turkcell	2018

TECHNICAL SKILLS

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

ADDITIONAL EDUCATIONS & CERTIFICATES

<ul style="list-style-type: none">SQL Tuning (24 Hours in-class training)	2020
<ul style="list-style-type: none">Introduction to Apache Spark (24 Hours in-class training)	2019
<ul style="list-style-type: none">IELTS Academic	2019
<ul style="list-style-type: none">Finance for Non-Finance Professionals (Rice University)	2019
<ul style="list-style-type: none">MIT Innovation & Leadership Bootcamp (1 Week)	2018
<ul style="list-style-type: none">Linux/Unix (16 hours in-class training)	2018
<ul style="list-style-type: none">B2 and B1 German Language Certificates	2015