EMRE OKÇULAR

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EDUCATION

Bachelor's Degree in Mathematical Engineering, GPA 3.07/4.00   September 2012 – June 2017
Yildiz Technical University, Istanbul, TURKEY

- Relevant Coursework: Linear Algebra, Calculus, Programming Languages, Probability and Statistics, Data Structures, Optimization, Image Processing, Artificial Intelligence
- Dissertation : "Clustering Methods for Big Data"
- Design Applications in Mathematical Eng. : "Big Data Analytics with Machine Learning"
- 100% English Program

Erasmus Student Exchange Program   October 2014 – August 2015
Graz University of Technology, Graz, AUSTRIA

- Fall + Spring Semesters
- Club Membership : Erasmus Student Network Graz

WORK EXPERIENCE

Data Analytics Developer   August 2017 – Present
Turkcell Technology Research & Development, Istanbul,TURKEY

- Member of Direct Marketing Analytics Solutions Team in AI & Data Analytics Solutions Dept.
- Software Development with Lean Agile Methodologies (KanBan, Scrum)
- Developed Real-Time Streaming Data Analytics System
- Maintained Event Based Data Processing System
- Provided support for Campaign Management System
- Supported R&D processes for Machine Learning Solutions
- Assisted Data Analytics Projects
- Supported ETL Projects
- Managed and developed Short Text Message Analytics Project with Python

Data Science Intern   February 2017– March 2017
*EVAM Streaming Analytics***,** Istanbul, TURKEY

- Long-term internship focused on streaming data analytics solutions
- Implemented streaming machine learning algorithms to Analytics Engine
- Assisted R&D projects with R, Python, Java, Apache Spark and MOA

Part-Time Event Assistant   September 2016 – September 2017
IKSV, Istanbul, TURKEY

- Organised and assisted cultural art events such as film, music, theatre and design festivals

Information Technologies and Solution Development Intern   June 2016 – July 2016
Anadolu Sigorta, Istanbul, TURKEY

- Internship at Application Lifecycle Management (DevOps) Department

Marketing Project Assistant   February 2014 – August 2014
*Dugun.com***,** Istanbul, TURKEY

- Completed collaborative projects in marketing department

SKILLS

Languages:
- English : Fully Fluent (C1)
- German : Upper-Intermediate (B2)
- Turkish : Mother Tongue

Computer Skills:
- MS Excel, Powerpoint, Word, Outlook : Advanced Level
- PL/SQL : Advanced Level
- Java : Upper-Intermediate Level
- R : Upper-Intermediate Level
- Python : Advanced Level
- Spark : Intermediate Level
- Kafka : Beginner Level
- C : Intermediate Level
- QlikView : Intermediate Level
- Tableau : Beginner Level

HONORS & SCHOLARSHIPS & AWARDS

• **Honored Student** : Ranked 4th out of 90 graduates of 2017 in Department *Yildiz Technical University*	2017
• **EU Scholarship 100%** : Erasmus Exchange Program Fall + Spring Semesters *Graz University of Technology*	2015

CERTIFICATIONS

• IELTS Academic (Overall Score: 7.0)	2019
• Finance for Non-Finance Professionals (Coursera)	2019
• MIT Innovation & Leadership Bootcamp	2018
• Machine Learning and Data Visualisation with R	2017
• Deutsches Sprachdiplom B1, Deutsch in Graz B1, B2 German Course Certificates	2015

SEMINARS & ADDITIONAL EDUCATIONS

• Introduction to Apache Spark (24 Hours)	2019
• MIT Innovation & Leadership Bootcamp (1 Week)	2018
• TRAI Turkey Artificial Intelligence Summit	2018
• Data Istanbul Workshops, Istanbul Data Scientist Meetup	2017
• Microsoft Data Science Roadshow Istanbul	2017
• Machine Learning and Data Visualisation with R (12 Hours)	2017
• QlikView Designer and Developer Course (10 Hours)	2017

INTERESTS & SOCIAL ACTIVITIES

- Art and AI, Social Impacts and Ethics of AI, Big Data, Data Visualisation, IoT, Deep Learning, Reinforcement Learning, Modern Turkish and World Cinema, Poetry, Fictions

- Cultural Travels, Watching TV Series and Movies, Reading Books, Playing Piano, Basketball, Table Tennis