

BERAT TUNA KARLI

DATA SCIENTIST

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EDUCATION

Master of Science: Information Systems (Data Science)

Middle East Technical University

September 2019 – Present Ankara

- Tubitak 1001 Scholarship

Bachelor of Science: Computer Science

Bilkent University

September 2014 – June 2019 Ankara

- Comprehensive Scholarship

EXPERIENCES

Tubitak 1001 - Project Assistant

Middle East Technical University

September 2020 – Present Ankara

- Improving Adversarial Attacks with Prof. Dr. Alptekin Temizel
- Investigating perception and DNNs to explain and improve networks

Full Stack Developer - Data Analyst

Monty Labs

June 2019 - July 2020 Ankara

- Developing Real-Time Indoor Tracking System for Businesses
- Working on Productivity Analytics, Data Visualization and Reporting

Research Assistant

National Magnetic Resonance Research Center - Bilkent University

October 2018 - August 2019 Ankara

- Conducting a research on predictive processing with Dr. Burcu Ürgen

Research Intern

Universiteit Gent

July 2018 - September 2018 Ghent

- Conducting a multi-step decision-making project with Prof. Dr. Tom Verguts (Computational modelling, parameter optimization)

Research Intern

Bogazici University

July 2017 - September 2017 Istanbul

- Neuro-signal Lab with Prof. Dr. Ahmet Ademoglu

Web Developer Intern

116. Inc.

June 2017 - July 2017 Ankara

PROGRAMMING LANGUAGES

Python MATLAB C# R C
C++ JavaScript Java

ML TECHNOLOGIES

Pytorch Tensorflow Pandas
Numpy Scikit-learn Seaborn
Docker Conda Apache Hadoop
Apache Spark Apache Storm

OTHER TECHNOLOGIES

MYSQL PostGreSQL .Net Core
AWS Firebase React Node.js
Html Css GIT G-Suite Jira

RELATED COURSES

Big Data Deep Learning Data Mining
Image Processing Machine Learning
Computational Neuroscience
Probability & Statistics Linear Algebra
Brain & Behavior Cognitive Psychology

CERTIFICATIONS

- NVIDIA Deep Learning for computer vision
- NVIDIA Deep Learning for multiple data types
- AWS Innovate Machine Learning & AI Edition

PUBLICAITONS

- Rapid X-Ray Chest Radiograph and Mortality Rate Evaluation With AI For COVID-19

LANGUAGES

Turkish - Native English - C1
Spanish - A2 Lazuri - A1

SOCIAL ACTIVITIES

- Chorist in Jazzberry Tunes 2018 - Present
- Chorist in polyphonic choir TRT 2014 - 2019
- Solo Aria Concerts and many choir concerts
- Les Choralies Festival in France in 2019