

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 Linux 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