# 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 by investigating the differences between human perception and Deep Neural Networks which could also explain and improve networks.

### Full Stack Developer - Data Analyst
**Monty Labs**

📅 June 2019 - July 2020  📍 Ankara

- Working on real-time tracking system, data visualization, 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

### Intern
**116. Inc.**

📅 June 2017 - July 2017  📍 Ankara

- Participating into an enterprise project

## PROGRAMMING LANGUAGES

Python   MATLAB   C#   R   C
C++   JavaScript   Java

## ML TECHNOLOGIES

Pytorch   Tensorflow   Pandas
Numpy   Scikit-learn   Seaboarn
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 - 2020
- Solo Aria Concerts and many choir concerts
- Les Choralies Festival in France in 2019
- Europa Cantat Festival in Slovenia in 2021