# Cenk Bircanoglu

## Senior Data Scientist

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Google Scholar Page

Master degreed Data Scientist with 11 years of work experience. Interested in Computer Vision and Deep Learning in both research and productization. Has production experience on Deep Learning models. Also, as a Ph.D. candidate focusing on Weakly Supervised Semantic Segmentation problems.

## SKILLS

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|---|---|
| **Tools and Languages** | Python, Scala, Java, Git, PyTorch, Tensorflow, Keras, Apache Spark, FastAPI, AWS, LaTeX, Docker, Kubeflow, SQL, NoSQL |
| **Communication** | Turkish, English |

## TECHNICAL EXPERIENCE

**Senior Data Scientist**                                                                10-2019 — **Present**
*Adevinta*                                                                                        *Paris, France*
- Offer new Computer Vision projects to improve CSAT and quality of the MP apps
- Background Removal application for Leboncoin
- Ad Param Classification to make users put the ads faster and more correct.
- Improve CSAT and quality of the Marketplace applications by using the power of Data.
- Applications of Semi-Supervised Learning approaches.
- Use a Synthetic dataset to solve the GDPR issues.

**Lead Data Scientist**                                                                  12-2018 — 10-2019
*Volt Lines*                                                                                      *Istanbul, Turkey*
- Turn the company from the business-based approach to the data-driven-based approach. Introduce the SMACK stack Blog Post
- Gamification to make drivers use the app.
- Daily, weakly, and monthly reports.
- Build an automated and intelligent routing for services.

**Senior/Lead Data Scientist**                                                           07-2017 — 12-2018
*Boyner Group*                                                                                    *Istanbul, Turkey*
- 2% better performance on Recommendation Engine than third-party solutions.
- Visual Search Application for fashion objects.
- Accelerate new product entry to inventory by image-based tagging.
- Offer better prices for related products using image similarity to outclass the competitors.

**Independent Consultant**                                                               11-2017 — 05-2018
*Udacity*                                                                                          *Remote*
- As a consultant to educational platform(s), such as Udacity, I utilize my specialized knowledge in the field of Deep Learning and my strong communication skills to provide project reviews and other student support.

**R&D Engineer**                                                                         03-2017 — 07-2017
*Huawei Technologies*                                                                             *Istanbul, Turkey*
- Experiment on Learning to Rank problems for enterprise search data using Deep Learning solutions.

**Software Developer/Data Scientist**                                                    09-2013 — 03-2017
*Sekom Software*                                                                                  *Istanbul, Turkey*
- Data collection from network types of equipment and Basic Data Science-based solutions.
- Scheduled workflows on Big Data Environment. (Apache Hadoop, Apache Pig, Apache Kafka, Hive..)
- Alert prediction on monitoring data.

**Software Developer**                                                                   06-2011 — 09-2013
*Freelance*                                                                                        *Istanbul, Turkey*
- Web Applications mostly build on Django Framework.

## EDUCATION

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|---|---|
| **Doctor of Philosophy in Computer Engineering**, *Bahcesehir University, Istanbul* | 2017-present |
| **Master of Science in Computer Engineering**, *Bahcesehir University, Istanbul* | 2014-2017 |
| **Bachelor of Education in Mathematics**, *Gazi University, Ankara* | 2006-2012 |

## ACTIVITIES

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|---|---|
| Speaker at PyCon Italia, Firenze (Image Generation with Tensorflow (GANs)) | 04-2018 |
| Workshop Lead at PyCon Ireland, Dublin (Processing Data with Celery and Pandas) | 10-2017 |