

# Gökçe Uludoğan

MSc Student in Bogazici University

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## Education

- 2018– **M.Sc.**, *Boğaziçi University*, Istanbul.  
Computer Engineering
- 2013–2018 **B.S.**, *Boğaziçi University*, Istanbul, 3.66/4.00.  
Computer Engineering
- 2016–2017 **Erasmus Programme**, *KTH Royal Institute of Technology*, Stockholm.  
School of Computer Science and Communication

## Experience

- 02.2019– **Teaching Assistant**, *Bogazici University*, Istanbul.  
Teaching Assistant, responsible for assignments and grading, in Database Systems and Information Retrieval courses.
- 02.2018– **Software Engineer**, *Tazi.ai*, Istanbul.  
11.2018 Software Engineer working on machine learning algorithms.  
Detailed achievements:
  - Having role in development of taziwise which is a real time recommendation tool.
  - Development and enhancement of tazihunt, an anomaly detection and prediction, and pattern recognition tool.
  - Worked on online regression algorithms.
- 01.2018– **Software Engineering Intern**, *Tazi.ai*, Istanbul.  
02.2018 Detailed achievements:
  - Implementation of a recommendation tool based on collaborative filtering.
  - Testing of taziwise product which gives dynamic and real time recommendations.
- 07.2017– **Software Engineering Intern**, *OBSS*, Istanbul.  
08.2017 Detailed achievements:
  - Developing an advanced web based job adverts system with Spring, Bootstrap and Elasticsearch.
  - Developing a food ordering platform using NodeJS, MongoDB and AngularJS.
- 02.2016– **Student Teaching Assistant**, *Bogazici University*, Istanbul.  
06.2017 Student Teaching Assistant in Introduction to Computing (in C) and Introduction to Object Oriented Programming (in Java) courses.

## Languages

Turkish Native  
English Advanced

## Skills

Comfortable with Python, Java, Scala, Object Oriented Programming  
Good at Natural Language Processing, Applied Machine Learning, C/C++, SQL  
Knowledge of Matlab, Assembly, Prolog

Systems Linux/UNIX, MacOS, Windows  
Web Technologies HTML, CSS, JavaScript, jQuery, Bootstrap, AngularJS, PHP, Spring  
Other Git,  $\text{\LaTeX}$ , AWS

## Projects

Stance Classification and Rumour Verification Senior Project with Arzucan Özgür's supervision. Stance classification towards rumours and rumour verification on conversational threads.

Turkish NLP Toolkit Implementing an open source NLP toolkit and WordNet for Turkish and an online user interface.

Interactive Music Recommendation Building an interactive and personalized music recommender with bayesian based bandit approach.

Summarization with Images Collecting images for CNN dataset and creating a model making use of images while generating summaries.

Automatic Playlist Generation Building a system predicting genres and generating playlists automatically on Spotify using Million Song Dataset and various machine learning algorithms.

## Relevant Coursework

- Machine Learning
- Deep Learning
- Natural Language Processing
- Machine Translation
- Information Retrieval
- Bioinformatics
- Bayesian Statistics
- Biometrics

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## Activities and Societies

- 06.2017– **Member of RoboAKUT team**, *Bogazici University*, Istanbul.  
Member of RoboAKUT which is a multi-agent rescue team developed at the Artificial Intelligence Lab of the Computer Engineering Department of Bogazici University.
- Implementation of subsumption architecture and agent assignment algorithms.
  - Got 3rd degree in Robocup 2018 Agent Simulation, Montreal, Canada.
- 2016– **Volunteer**, *Django Girls*, Istanbul.  
Mentor and Organizer at workshops about programming in Python and Django for women.
- 2018– **Player**, *Istanbul Ladies United*.  
Player at Istanbul Ladies United which is an amateur woman football team.

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## References

- Arzucan Özgür
- Zehra Çataltepe
- Suzan Üsküdarlı