

Ömer Kirnap

University College London- Artificial Intelligence Centre

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[github/okirnap](https://github.com/okirnap)

[Personal Blog](#)

EDUCATION

PhD Computer Science and Engineering

Dec 2018-
Present

University College London, London United Kingdom

MSc Computer Science and Engineering

2016-2018

Koç University Artificial Intelligence Laboratory, Istanbul, Turkey

BS Electric and Electronics Engineering

2010-2015

Koç University, Istanbul, Turkey

Ranked top 10 in class of 2015

Full scholarship based on national entrance exam

Professional courses: Digital Signal Processing, Linear System Theory, Statistical Signal Processing

High School Özel Ege Lisesi

2006-2010

Izmir, Turkey

Ranked second in the class of 2010

EXPERIENCE

Master Student of Computer Engineering

2016-2018

Artificial Intelligence Laboratory, Koç University

- Research concentrated on Deep Learning, Machine Learning, Natural Language Processing, specifically Language Modeling and Dependency Parsing
- Development of Koç University Deep Learning Framework [Knet](#) by implementing and testing benchmark models
- Teaching Assistant of [Structure and Interpretation of Computer Programs](#) and [Introduction to Programming with Java](#)

Web Developer

2015

Hipo, Istanbul, Turkey

- Backend Developments of Several Websites

Data Science Intern

2015

VNGRS, Istanbul, Turkey

- Development of a Text Based Recommendation Engine for News Website
- Implementation of Web Crawler for collecting text data

Software Developer Intern

2014

Netaş, Istanbul, Turkey

- Development of Tests in Java and Linux Shell

Student tutor

2013

Koç Office of Learning and Teaching (KOLT), Istanbul, Turkey

- Providing Academic Help for students taking Digital Signal Processing, and Controls and Systems Classes

Lab Assistant

2012

Koç University Microelectromechanical Systems Laboratory, Istanbul, Turkey

PUBLICATIONS

Ö. Kırnap, E. Dayanık, and D. Yuret, “[Tree-stack LSTM in Transition Based Dependency Parsing](#)”, *Proceedings of the CoNLL 2018 Shared Task: Multilingual Parsing from Raw Text to Universal Dependencies* **124–132**, K18-2 (2018).

Ö. Kırnap, B. Önder, and D. Yuret, “[Parsing with Context Embeddings](#)”, *Proceedings of the CoNLL 2017 Shared Task: Multilingual Parsing from Raw Text to Universal Dependencies* **80–87**, K17-3 (2017).

ACHIEVEMENTS

- Ranked 7th out of 33 participants in Universal [CoNLL 2017 Dependency Parsing Competition](#)
- Vehbi Koç Honor Award for 4 semesters for having SPA over 3.50s
- Full scholarship at Koç University based on national university entrance exam
- Ranked at top 500 students out of 2 million students on national university entrance exam
- Ranked 3rd in High School Mathematics Project in regional competition organized by a high school [Ozel Ege Lisesi](#)
- Ranked 2nd in High School Mathematics Project in regional project competition organized by [Dokuz Eylul University](#)

ACTIVITIES

President

2012-2013

Koç University Volunteers Club, Istanbul, Turkey

- Restructring of Subgroup of Koç Volunteers Club’s education society giving academic lessons, voluntarily, to children at the age of 13-14 for their preparation to national high school entrance examination and trying to increase children’s social skills

Member

2011-2012

Koç University Volunteers, Istanbul, Turkey

- Teaching science and math courses to unprivileged students of local middle schools

ADDITIONAL

- Working Knowledge of Deep Learning Frameworks (Tensorflow, Knet, and PyTorch)