

Doruk Çetin

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Github: github.com/dcetin

EDUCATION

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|---|-------------------|
| ETH Zurich | 2018 – |
| • <i>Direct Doctorate in Computer Science</i> | <i>Zurich, CH</i> |
| <i>Master in Computer Science track: Visual Computing</i> | |
| Middle East Technical University | 2013 – 2018 |
| • <i>Bachelor of Science in Computer Engineering</i> | <i>Ankara, TR</i> |
| <i>Overall GPA: 3.96/4.00, Ranked 2nd/190 in the department</i> | |

EXPERIENCE

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| ETH Zurich | Summer 2019 |
| • <i>Student Research Assistant at Data Analytics Laboratory</i> | <i>Zurich, CH</i> |
| ▶ Interpretability in adversarial word embeddings for text | |
| Imperial College London | Summer 2017 |
| • <i>Research Intern at Intelligent Behaviour Understanding Group</i> | <i>London, UK</i> |
| ▶ A novel audiovisual dataset for normal, whispered and silent speech | |
| École Polytechnique Fédérale de Lausanne | Summer 2016 |
| • <i>Research Intern at Data Intensive Applications and Systems Laboratory</i> | <i>Lausanne, CH</i> |
| ▶ Microarchitectural analysis of OLAP database systems | |

PUBLICATIONS

- **D. Cetin**, B. Aydemir, E. Aldemir, U. Akunal, C. Seylan and S. Temizer, "AlgoTrade: A web-based algorithmic trading and backtesting framework", *International Conference & Exhibition on Digital Transformation & Smart Systems*, October 2018
- S. Petridis, J. Shen, **D. Cetin** and M. Pantic, "Visual-Only Recognition of Normal, Whispered And Silent Speech", *IEEE International Conference on Acoustics, Speech and Signal Processing*, April 2018 [[link](#)]

SKILLS

- **Programming:** Python, Matlab, C/C++, Java
- **Python:** TensorFlow, Keras, Chainer, PyTorch
- **Tools/Techs:** LaTeX, Git, SQL
- **Web:** HTML/CSS, Jekyll, JavaScript

LANGUAGES

- **English:** Proficient, TOEFL iBT score: 112/120
- **Turkish:** Mother tongue, native speaker
- **Spanish:** Conversational, CEFR level: A1-A2

TEACHING

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| • Student Teaching Assistant at Middle East Technical University | Spring 2018 |
| <i>Programming Language Concepts (CENG 242)</i> | |
| • Student Teaching Assistant at Middle East Technical University | Fall 2016 |
| <i>Introduction to C Programming (CENG 230)</i> | |

PROJECTS

- **dcetin.me (Personal Website)** Spring 2018 -
Minimalist webpage/blog written in Jekyll and vanilla CSS [\[link\]](#)
- **AlgoTrade (BSc Final Year Project)** Fall 2017
User-friendly, web-based framework for creating, backtesting and optimizing trading algorithms [\[link\]](#)

VOLUNTEERING

- Career Mentor at Crossing Paths Fall 2017 -
- C Programming Language Tutor at IEEE METU Student Branch Fall 2016
- Official Turkish Localization of the video game Human Resource Machine Winter 2015

SCHOLARSHIPS AND AWARDS

- ETH Zürich Direct Doctorate Scholarship 2018 -
- 3rd place in METU Ceng Demo Day 2018, final year project exhibition of the department 2018
- Erasmus+ Traineeship Scholarship 2017
- Crossing Paths Internship Abroad Stipend 2017
- Summer@EPFL Scholarship 2016
- High Honour roll for eight consecutive semesters 2014 - 2018
- METU Development Foundation Scholarship for Outstanding Success 2013 - 2018
- Merit based Prime Ministry Scholarship 2013 - 2018
- Isbank Altın Gençler Award and mobility grant 2013