

EDUCATION

- ETH Zurich**, M.S. in Computer Science Zurich, CH
GPA: 5.63/6.00, Focus: Visual Computing 2018–2020
– Thesis: “Learning in-the-wild Temporal 3D Pose Estimation from MoCap Data”
- Middle East Technical University**, B.S. in Computer Engineering Ankara, TR
GPA: 3.96/4.00, Ranked 2nd/190 in the department 2013–2018
– Thesis: “AlgoTrade: A web-based algorithmic trading and backtesting framework”

EXPERIENCE

- ETH Zurich** Zurich, CH
Student Research Assistant at Data Analytics Lab Summer 2019
– Interpretability in adversarial word embeddings for text
– Adapted the codebase for adversarial attacks on embeddings, conducted qualitative and quantitative analyses, worked on adversarial text generation via embedding projection
- Imperial College London** London, UK
Research Intern at Intelligent Behaviour Understanding Group (iBUG) Summer 2017
– A novel audiovisual dataset for normal, whispered and silent speech
– Created tools for data collection and analysis, analysed the collected data, implemented fixes, worked on the reimplementation of the existing network in a different library
- École Polytechnique Fédérale de Lausanne** Lausanne, CH
Research Intern at Data Intensive Applications and Systems Laboratory (DIAS) Summer 2016
– Microarchitectural analysis of OLAP database systems
– Examined the changes in microarchitectural utilization of different column-oriented database systems on distinct workloads

PUBLICATIONS

- [1] S. Petridis, J. Shen, **D. Cetin**, and M. Pantic, “Visual-Only Recognition of Normal, Whispered and Silent Speech”, in *2018 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, Apr. 2018, pp. 6219–6223.

TEACHING

- **Student Teaching Assistant** at Middle East Technical University Spring 2018
Programming Language Concepts (CENG 242)
- **Student Teaching Assistant** at Middle East Technical University Fall 2016
Introduction to C Programming (CENG 230)

SKILLS

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

LANGUAGES

- **English:** Proficient, TOEFL iBT score: 112/120
- **GRE:** V: 162/170, Q: 170/170, AW: 4.0/6.0
- **Turkish:** Mother tongue, native speaker
- **Spanish:** Conversational, CEFR level: A1-A2

PROJECTS

See full list of projects on dcetin.me/projects

- **eth-cs-notes** (LaTeX/Markdown, 2019)
Lecture notes/cheatsheets for Master's in CS
- **bert-adv-embed** (Python/Chainer, 2019)
Adversarial perturbations on BERT word embeddings

SCHOLARSHIPS AND AWARDS

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| • ETH Zurich Direct Doctorate Scholarship | 2018–2020 |
| • 3 rd place in METU Ceng Demo Day 2018, final year project exhibition of the department | 2018 |
| • Erasmus+ Traineeship Scholarship | 2017 |
| • Summer@EPFL Scholarship | 2016 |
| • METU Development Foundation Scholarship for Outstanding Success | 2013–2018 |
| • Merit based Prime Ministry Scholarship | 2013–2018 |
| • Isbank Altın Gençler Award and mobility grant | 2013 |
| • Ranked 4th among 1.9 million participants nationwide in Undergraduate Placement Examination (LYS) | 2013 |

VOLUNTEERING & MENTORING

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| • Career Mentor at Crossing Paths
<i>Helping undergraduate students on their career goals, also took part in their Career Chats program</i> | 2017–Current |
| • Master Helper at ETH VIS Welcome Day 2019
<i>Mentored newcomer Master students, gave a campus tour and aided them in Study Planning Workshop</i> | Fall 2019 |
| • C Programming Language Tutor at IEEE METU Student Branch
<i>An introduction to programming and a tutorial for the school courses for non-CS students</i> | Fall 2016 |
| • Official Turkish localization of the video game Human Resource Machine
<i>A puzzle game by Tomorrow Corporation, simulating a simple computer in an office environment</i> | Winter 2015 |