Doruk Çetin

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EDUCATION

ETH Zurich   Zurich, CH
M.S. in Computer Science, GPA: 5.63/6.00 (Focus: Visual Computing)   2018–Current
- Thesis: "Learning in-the-wild Temporal 3D Pose Estimation from MoCap Data"

Middle East Technical University   Ankara, TR
B.S. in Computer Engineering, GPA: 3.96/4.00 (ranked 2nd/190 in the dept.)   2013–2018
- Thesis: "AlgoTrade: A web-based algorithmic trading and backtesting framework"

EXPERIENCE

DisneyResearch|Studios   Zurich, CH
Research Intern at Animation Group   Winter 2020
- Markerless motion capture through training on synthetic data

ETH Zurich   Zurich, CH
Student Research Assistant at Data Analytics Lab   Summer 2019
- Interpretability in adversarial word embeddings for text

Imperial College London   London, UK
Research Intern at Intelligent Behaviour Understanding Group (iBUG)   Summer 2017
- A novel audiovisual dataset for visual speech recognition

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

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, C/C++, Matlab, Java
- **Frameworks:** PyTorch, TensorFlow/Keras, Chainer
- **Tools:** LaTeX, Git, SQL, OpenGL, VSCode
- **Web:** HTML/CSS, JavaScript, Jekyll/Liquid

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**

Scholarships and Awards

- ETH Zurich Direct Doctorate Scholarship — 2018–2020
- 3rd 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

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