

Doruk Çetin

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EDUCATION

- ETH Zurich** 2018 -
• *Direct Doctorate in Computer Science* Zurich, CH
Master in Computer Science track: Visual Computing
- Middle East Technical University** 2013 – 2018
• *Bachelor of Science in Computer Engineering* Ankara, TR
• *Overall GPA: 3.96/4.00, Ranked 2nd out of 130 students in the department*
Relevant Coursework: Artificial Intelligence, Machine Learning, Computer Vision, Algorithmic Trading
- İzmir Science High School** 2009 – 2013
• *Graduation GPA: 94.27/100.0* İzmir, TR
• *Undergraduate Placement Examination (LYS): Ranked 4th among 1.9 million participants nationwide and 1st among all students at Middle East Technical University, June 2013*

EXPERIENCE

- Middle East Technical University** Spring 2018
• *Student Teaching Assistant at Programming Language Concepts course (CENG 242)* Ankara, TR
 - Testing and fine-tuning the course homeworks before they are assigned to the students
- Imperial College London** Summer 2017
• *Research Intern at Intelligent Behaviour Understanding Group* London, UK
 - Creation of a novel audiovisual dataset from scratch
 - Created tools for data collection and analysis, analysed the collected data, implemented fixes, worked on the reimplementing of the existing network in a different library, under the supervision of Prof. Maja Pantic
 - Used: Python, Keras, TensorFlow, AutoIt, VirtualDub, GStreamer, Lasagne, Theano
- Middle East Technical University** Fall 2016
• *Student Teaching Assistant at Introduction to C Programming course (CENG 230)* Ankara, TR
 - Conducted lab hours of the course, guided non-CS students with programming basics using C
- École Polytechnique Fédérale de Lausanne** Summer 2016
• *Research Intern at Data Intensive Applications and Systems Laboratory* Lausanne, CH
 - Microarchitectural analysis of OLAP database systems
 - Examined how the utilization of the underlying microarchitecture changes based on the different families of database systems and distinct workloads, under the supervision of Prof. Anastasia Ailamaki
 - Used: C++, SQL, json, VTune, Excel (databases/DBMSs can't be named due to disclosure)

PUBLICATIONS

- S. Petridis, J. Shen, **D. Cetin** and M. Pantic, "Visual-Only Recognition of Normal, Whispered And Silent Speech", *IEEE ICASSP*, 2018 [[link](#)]

VOLUNTEERING

- Career Mentor at Crossing Paths Fall 2017
Helping undergraduate students on their career goals, also took part in their Career Chats program
- C Programming Language Tutor at IEEE METU Student Branch Fall 2016
For non-CS students, both as an introduction to programming and as a supplementary tutorial for the school courses
- Official Turkish Localization of the video game Human Resource Machine Winter 2015
A puzzle game developed by Tomorrow Corporation, simulating a simple computer in an office environment

FINAL YEAR PROJECT

- **Web-Based Algorithmic Trading Framework** Fall 2017
Currently underway with a team of four, as part of the year-long Computer Engineering Design course
 - User-friendly, web-based framework for creating, backtesting and optimizing trading algorithms

SKILLS

- **Programming:** Python, C/C++, Java, Assembly
- **Web:** HTML/CSS, SQL, XAMPP, JavaScript
- **Tools/Technologies:** LaTeX, Git, Unity, OpenGL
- **Familiar with:** Haskell, Prolog, Verilog, Matlab
- **GRE:** V: 162/170, Q: 170/170, AW: 4.0/6.0

LANGUAGES

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

SCHOLARSHIPS AND AWARDS

- ETH Zurich Direct Doctorate Scholarship 2018 -
- Erasmus+ Traineeship Scholarship 2017
- Crossing Paths Internship Abroad Stipend 2017
- Summer@EPFL Scholarship 2016
- High Honour roll for seven consecutive semesters 2014 -
- METU Development Foundation Scholarship for Outstanding Success 2013 -
- Merit based Prime Ministry Scholarship 2013 -
- Isbank Altın Gençler Award and mobility grant 2013

HOBBIES & ACTIVITIES

- Written film, TV and video game critics at Taste of Cinema, IGN.tr, Kayıp Rıhtım, Geekyapar
- Interested in ancient history and classical antiquity, primarily Roman and Egyptian history
- Interested in postmodernism, science fiction and horror in literature and cinema
- Metu E-Sports Society - Hearthstone tournaments and the official Mount & Blade tournament
- Metu Science Fiction and Fantasy Society - METUCON convention and Treasure Hunt events