EREN ÇETİN

Undergraduate Research Assistant

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EDUCATION

08.2017 – present (grad. spring 2022)

KOÇ UNIVERSITY – BSc | ISTANBUL, TURKEY
- *Electrical and Electronics Engineering (English) Senior, Full-tuition Scholarship*
- *GPA: 4.03 / 4.00*
- *Awarded with Vehbi Koç Scholarship each semester*
- *Related Courses: Artificial Intelligence, Machine Learning, Information Theory*

KOÇ UNIVERSITY – BA | ISTANBUL, TURKEY
- *Double Major in Economics (English)*
- *Related Courses: Economics of Information & Contracts, Game Theory & Strategy, Financial Management, International Trade, Industrial Organization*

08.2014 – 07.2015

STUDY ABROAD | WINTERTHUR, SWITZERLAND
- *Exchange student with AFS Intercultural Programs in Kantonsschule Buelrain*

EXPERIENCE

07.2021 – 09.2021

COMPUTER VISION INTERN | ART LABS, ISTANBUL, TURKEY
- *Participated in AR/VR workshops and designed an internship project on iterative texture optimizer for 3D garment models. The design achieved the best project award among 13 other projects.*

06.2021 – 07.2021

NATURAL LANGUAGE PROCESSING INTERN | SOFTTECH, ISTANBUL, TURKEY
- *Helped with the building of a text classification model and prepared a Turkish text corpus for the classification task that is required by a client bank.*

RESEARCH

02.2022 – 08.2022

UNDERGRADUATE RESEARCH ASSISTANT | PROF. MERIH ANGIN AND MA-CSSL
- *I will participate in the research project, "IMF Decides, Machine Learns: An AI Approach to International Organizations" on high accuracy prediction of IMF decisions. I will assist in building a comprehensive dataset composed of IMF programs and conduct research on the predictive machine learning model.*

02.2021 – present

UNDERGRADUATE RESEARCH ASSISTANT | KOÇ UNIVERSITY, PROF. MURAT TEKALP
- *Research on bidirectional video compression using recurrent and fully convolutional variational auto-encoders.*

06.2021 – 09.2021

SUMMER RESEARCH INTERN | KOÇ UNIVERSITY, PROF. AYKUT ERDEM
- *Research and study on style transfer and image manipulation using generative adversarial networks.*

06.2020 – 09.2020

SUMMER RESEARCH INTERN | KOÇ UNIVERSITY, PROF. MURAT TEKALP
- *Research on image compression using an autoencoder architecture with a hyperprior network.*

TECHNICAL SKILLS

PYTHON *(Advanced)*, **MATLAB** *(Advanced)*, **PYTORCH** *(Advanced)*, **OFFICE** *(Intermediate)*, **C / C++** *(Intermediate)*, **SLURM** *(Intermediate)*, **LATEX** *(Intermediate)*

LANGUAGES

English — **TOEFL IBT (2021)** – *Listening: 29/30, Reading: 29/30, Speaking: 29/30, Writing: 28/30*

German — **GOETHE ZERTIFIKAT B1 (2015)** – *Listening: 93/100, Reading: 87/100, Writing: 79, Speaking: 82/100*

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TEACHING	

09.2020 – 01.2021	**TEACHING ASSISTANT IN ECON 333 |** KOÇ UNIVERSITY, PROF. LEVENT KOÇKESEN
	• *Teaching assistant for the Game Theory & Strategy lectures. I conducted problem sessions for over 80 students weekly and arranged office hours.*
02.2019 – 06.2019	**EDUCATION TUTOR IN ELEC 100 |** KOÇ UNIVERSITY
	• *Tutoring over 90 freshman students in the Introduction to Electrical and Electronics Engineering for a support program provided by Koc University.*

VOLUNTEERING	

02.2021 – present	**VOLUNTARY GROUP LEADER AND ADMINISTRATOR FOR CS101: HELLO WORLD!**
	• *Introducing coding basics with Python and mentoring high school students around Turkey about their future plans.*
08.2020 – 08.2021	**KOÇ UNIVERSITY NEWCOMER STUDENT MENTOR**
	• *Assisting newcomer students with their transition from high school to college.*

EXTRACURRICULAR	

	AMATEUR CHESS PLAYER
	• *2nd in the junior chess tournament in Denizli, Turkey, and former team member of Koc University Chess Team for a year. Currently, I play chess as a leisure activity. / Elo: 1503*
	AMATEUR SOCCER PLAYER
	• *Former school team member in national tournaments in high school. Currently, I participate in university competitions and friendly games weekly.*