ILKIN SEVGI ISLER

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OBJECTIVE

I am currently pursuing a Ph.D. in Computer Science at the University of Central Florida and working as a research assistant. I am currently working under the advisement of Dr. Damla Turgut and Dr. Ulas Bagci.

EDUCATION

University of Central Florida, Orlando, Florida, US — 2020 – Anticipated Completion: 2024
- Ph.D. of Computer Science

Hacettepe University, Ankara, Turkey — 2016 – 2020
- Bachelor of Computer Science
- Related Coursework: Machine Learning, Computer Vision

WORK EXPERIENCE

Data Analyst (Part-Time), Simsoft Information Technologies, Ankara, Turkey — January - August 2020
- Working on predictive maintenance and anomaly detection.

Research Intern, SREAL (Synthetic Reality Lab), UCF, Orlando — Jul - Sep 2019
- Worked extensively on Generative Adversarial Networks (GAN) with a supervising professor.
- Submitted a paper on Facial Expression Recognition Using Image Translation with HA-GAN that we've presented which is a human to animation conditional generative adversarial network.
- Contributed significantly to weekly lab meetings during the course of the internship.
- Adapted to thrived within the research environment.

Data Analyst Intern, Carbon Health, San Francisco Bay Area — Jul - Sep 2018
- Converted various data into insights by predicting and modeling future outcomes.
- Used statistical techniques for hypothesis testing to validate data and interpretations.
- Proposed solutions to reduce the wait times of patients in the clinics by 30% and predicted appointment durations of each patient.
- Presented findings and data to upper management team to improve strategies and operations.
- I worked directly with the cofounder of Udemy and Carbon Health, Eren Bali, as my supervisor.

PUBLICATIONS

I. Articles in the International Journals (SCI, SCI-EXPANDED, SSCI)

I. S. Isler, M. H. Doganay, M. Gokcen, U. Gulec, M. A. Gozcu & M. D. Nazligul (2019). Power-VR: Interactive 3D Virtual Environment to Increase Motivation Levels of Powerlifters during Training Sessions, International Journal of Performance Analysis in Sport. (Under review)

II. International Conferences

Ali, K., Isler, I., & Hughes, C. E. (2019). Facial Expression Recognition Using Human to Animated-Character Expression Translation. arXiv: 1910.05595v1 [cs.CV]. (Under review at 2020 Winter Conference on Applications of Computer Vision (WACV '20))

III. National Conferences

S. Isler, M. H. Doganay, M. Gokcen & U. Gulec (2019). Usage of 3D Modelling and Morphing Tools in Plastic Surgery, 2019 National Software Engineering Symposium (UYMS), İzmir Institute of Technology, İzmir, Turkey.

ACCOMPLISHMENTS

Hacettepe University Programming Contest (HUPROG), Ankara — Jan - May 2017
Organizer and member of question preparation team; It was the first and only programming contest of our university. Our team consisted of 8 individuals. The contest drew great attention, with participating students all over the country.

ADDITIONAL CREDENTIALS

TECHNICAL SKILLS	Python - PyTorch, Java, C, PostgreSQL
WORKSHOPS/CONFERANCES	• IDSEW'18 International Data Science & Engineering Workshop, Karabük, Turkey — May 2018 (Participant) • Eurasia Graphics'18, Hasan Kalyoncu University, Turkey — Nov 2018 (Member of organization team) • Turkey Artificial Intelligence Summit (TRAI'19) , Istanbul, Turkey — Mar 2019 (Participant) • IEEE Turkey Computer Society Congress (CSCON'19), Ankara, Turkey – Mar 2019 (Participant)

HONORS&AWARDS	Competitive powerlifter
	    IPSU'17 European Championship - 2nd place (overall)
	    2017 & 2018 & 2020 Powerlifting Champion of Turkey - 1st place (overall) & record holder

LANGUAGE	English (proficient), Turkish (native)