

Ruveyda Menevse

Los Angeles, CA | 213-994-5640 | menevse@usc.edu | [LinkedIn](#) | [Website](#)

EDUCATION

University of Southern California

PhD in Electrical Engineering

Los Angeles, CA

August 2024 – Present

- Viterbi School of Engineering Fellowship
- Graduate Mentor

Koç University

B.S. in Electrical and Electronics Engineering & B.S. in Mathematics

Istanbul, Turkey

September 2019 – June 2024

- GPA: 3.82
- Exchange semester at the University of Toronto, focusing on Applied Mathematics
- Undergraduate Teaching Assistant and Tutor

RESEARCH EXPERIENCE

University of Southern California

Graduate Research Assistant

Los Angeles, CA

August 2025 – Present

- Implementation of multi-agent reinforcement learning algorithms with a decentralized approach for autonomous UAV-based wireless networks.

CONFERENCES & PRESENTATIONS

- **Menevse, Bozkus & Mitra**, “Accelerated Generative Multi-Agent Q-Learning for Wireless Networks.” *IEEE Asilomar Conference on Signals, Systems, and Computers*, 2025 (Accepted).

WORK EXPERIENCE

Value Analytics Labs

Data Science Intern

Istanbul, Turkey

March 2024 – June 2024

- Built predictive models in Python and R to simulate disease progression, including COVID-19 scenarios.
- Conducted comprehensive literature review on bone cancer treatments to support healthcare analytics.

Baykar Technologies

Embedded Programming Intern

Istanbul, Turkey

August 2023 – September 2023

- Designed and implemented a GUI to flash memory on AM64x microcontroller using JTAG.
- Programmed with C, C#, and JavaScript while leveraging Texas Instruments hardware/software.

Aselsan

Integrated Circuits Intern

Ankara, Turkey

July 2023 – August 2023

- Engineered a low-noise amplifier achieving 18 dB gain using a cascaded design in ADS.
- Performed S-parameter, noise, and linearity analysis to optimize amplifier performance.

Siemens

Part-time Engineer

Istanbul, Turkey

March 2022 – November 2022

- Modeled and analyzed power systems for Saudi Electric Company using PSS SINCAL and PSS CAPE.
- Generated technical reports and simulations to support Siemens Power Technologies International projects.

TECHNICAL SKILLS

Programming: Python, MATLAB, VHDL, C++, C#, Julia

Design: Circuit Design (PSPICE), Digital Design (FPGA), IC Design (ADS)

Power Systems: Protection Studies using PSS SINCAL & PSS CAPE