Ruveyda Menevse

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PROFESSIONAL SUMMARY

I am a first-year PhD student at the University of Southern California, advised by Prof. Urbashi Mitra. My research focuses on Multi Agent Reinforcement Learning in the context of Wireless Communication systems.

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA **LOS ANGELES, CA**
PhD Electrical Engineering AUG. 2024–
- Viterbi School of Engineering Fellowship

KOC UNIVERSITY **ISTANBUL, TURKEY**
B.S. Electrical and Electronics Engineering & B.S Mathematics SEP. 2019– JUN. 2024
- GPA: 3.82
- Exchange semester at the University of Toronto with a focus on Applied Mathematics
- Undergraduate Teaching Assistant and Tutor

PROFESSIONAL EXPERIENCE

VALUE ANALYTICS LABS **ISTANBUL, TURKEY**
Data Science Intern MAR. 2024– JUN. 2024
- Modeled disease progression, including COVID-19 scenarios, using Python and R for predictive analytics.
- Completed an extensive literature review on bone cancer treatment options and their effects on patients.

BAYKAR TECHNOLOGIES **ISTANBUL, TURKEY**
Embedded Programming Intern AUG. 2023– SEP. 2023
- Developed a GUI to flash memory on AM64x microcontroller using only JTAG connection.
- Effectively used Texas Instruments products and software. Used the languages C, C#, and JavaScript.

ASELSAN **ANKARA, TURKEY**
Integrated Circuits Intern JUL. 2023– AUG. 2023
- Designed a low-noise amplifier that achieved 18 dB gain using a cascade structure, meeting the specified requirements in ADS.
- Completed analysis and matching of elements in LNA using S-parameters, noise, and linearity factors.

SIEMENS **ISTANBUL, TURKEY**
Part-time engineer MAR. 2022– NOV. 2022
- Worked as a Power systems modeling and reporting engineer at the Power Technologies International unit of Siemens.
- Used Siemens's CAPE and Sincal software for the SEC (Saudi Electric Company) project.

SKILLS

Programming: Python, MATLAB, VHDL, C++, C#, Julia **Design:** Circuit Design via PSpice, Digital Design via FPGA, Protection Studies using PSS SINCAL & PSS CAPE, IC Design via ADS

GRADUATE COURSEWORK

- EE503 & EE 510: Graduate Level Probability & Linear Algebra
- EE562: Random Processes
- DSO699: Bandit Algorithms and Reinforcement Learning