

# AHMED SAID DONMEZ

İncek Mah. 3648 Cad. İncek Vadi Konutlari Sitesi T2.13  
Blok No: 5/18 İç Kapi No: 29 Gölbaşı TR-06830 Ankara,  
Turkey, +90-505-515-0990

[said.donmez@bilkent.edu.tr](mailto:said.donmez@bilkent.edu.tr)  
[said.donmez@github.io](https://github.com/said-donmez)

## RESEARCH INTERESTS

---

My research interests include Artificial Intelligence (AI), Reinforcement Learning (RL), Robotics, multi-agent RL, Control theory, and Game Theory, specifically focusing on learning algorithms in robotics and multi-agent systems.

## EDUCATION

---

### Bilkent University

M.S. in Electrical and Electronics Engineering

**Advisor:** Muhammed Omer Sayin

**Thesis Topic:** Multi-Agent Reinforcement Learning

Ankara, Turkey  
2023-2025 (Expected)  
GPA:4.0/4.0

### Bilkent University

B.S. in Electrical and Electronics Engineering

Ankara, Turkey  
2018 – 2023  
GPA:3.96/4.0

## ACADEMIC & RESEARCH EXPERIENCE

---

### Bilkent University

Teaching Assistant

Ankara, Turkey  
Sep. 2023 – Present

- Grade quizzes and lab reports of students
- Help the students with their labs, and prepare lab questions
- Proctor exams
- Help the professors with the course tasks

Researcher

- Research on multi-agent networked systems, learning algorithms, equilibrium analysis
- Introduce new theorems to the field
- Prepare presentations and posters for international conferences

## INDUSTRIAL EXPERIENCE

---

### InterLabs Advanced Technologies

Research and Development Engineer

Ankara, Turkey  
Aug. 2023 - Oct. 2023

- Research on audio signals, audio processing, noise canceling, audio recognition with deep learning, UAVs
- Develop robust noise canceling and audio source localization systems for UAVs

## InterLabs Advanced Technologies

Engineer Trainee

Ankara, Turkey  
Aug. 2022 - Aug. 2023

- Research on computer vision, and machine learning
- Research on audio signals, audio processing, noise canceling, audio recognition with deep learning, UAVs

## FELLOWSHIPS & AWARDS

---

- 2024-** TUBITAK International Young Researchers Scholarship Program
- 2023-2024** TUBITAK Domestic Postgraduate Scholarship
- 2018-2023** Bilkent Comprehensive Scholarship
- 2018** İşBank Golden Youth Award
- 2018-2023** High Achievement B.S. Scholarship from the Republic of Turkey Prime Ministry
- 2018** Ranked 2nd in the nationwide university entrance examination in Turkey (*among 2 million high school students who took the exam*)
- 2017** Silver Medal in the Turkish National Mathematics Olympiad
- 2014** JBMO 2014 Gold Medal

## MEMBERSHIPS IN SCIENTIFIC SOCIETIES

---

**Since 2024** IEEE and IEEE Control Systems Society Member

## PUBLICATIONS

---

Overview: 1 Preprint Journal Paper, 2 Conference Proceedings

### Preprints

---

- A. S. Donmez, O. Unlu, and **M. O. Sayin**. Logit-Q dynamics for efficient learning in stochastic teams, *SIAM Journal on Control and Optimization*, under (second round) review, 2024.

### Conference Proceedings

---

- 2** A. S. Donmez, Y. Arslantas, and **M. O. Sayin**. Team-fictitious play for reaching team-Nash equilibrium in multi-team games. In *Advances in Neural Information Processing Systems (NeurIPS)*, 2024.
- 1** A. S. Donmez and **M. O. Sayin**. Generalized individual Q-learning for polymatrix games with partial observations, In *IEEE Conf. on Decision and Control (CDC)*, 2024.

## REFERENCES

---

- **Associate Professor Muhammed Omer Sayin**,  
Department of Electrical and Electronics Engineering  
Bilkent University

[sayin@ee.bilkent.edu.tr](mailto:sayin@ee.bilkent.edu.tr)

- 
- **Professor Sinan Gezici,**  
Department of Electrical and Electronics Engineering  
Bilkent University

[gezici@ee.bilkent.edu.tr](mailto:gezici@ee.bilkent.edu.tr)

- 
- **Professor Serdar Yuksel,**  
Department of Mathematics and Statistics  
Queen's University

[yuksel@queensu.ca](mailto:yuksel@queensu.ca)