Oğul Can Yurdakul – Curriculum Vitae

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Languages

Natural: Turkish (Native Speaker), English (Advanced), French (Intermediate)

Formal: MATLAB, Python, Assembly (ARM Thumb2), ANSI Common LISP, WebPPL, C

Research Interests

- Statistical Signal Processing
- Computational Neuroscience
- Cognitive Science

Education

10/2021 – Present	**M.Sc. in Electrical and Electronics Engineering**	*METU EEE*
	*CGPA: 4.00 / 4.00	Supervisor: Dr Emre Özkan	Specialization Area: Signal processing*	
10/2017 – 07/2022	**B.Sc. in Mathematics (Double Major)**	*METU MATH*
	*CGPA: 3.87 / 4.00	Electives in metamathematics, computational topology, analysis*	
10/2016 – 02/2021	**B.Sc. in Electrical and Electronics Engineering**	*METU EEE*
	*CGPA: 3.76 / 4.00	Specialization in biomedical engineering, electives in signal processing*	

Publications

2020   1.   **Yurdakul, O. C.**, Subathra, M. & George, S. T. Detection of Parkinson's Disease from gait using Neighborhood Representation Local Binary Patterns. *Biomedical Signal Processing and Control* **62,** 102070 (2020).

Professional Experience

09/2019 – Present	**Researcher**	*METU EEE Sensor Fusion Laboratory*
02/2022 – Present	**Teaching Assistant**	*METU EEE Staff Profile*
07/2023	**Lead Teaching Assistant**	*NMA CN Summer School*
07/2021	**Teaching Assistant**	*NMA CN Summer School*
2020 & 2018	**Part-time Student Assistant**	*METU MATH*
07/2019 – 09/2019	**Summer Intern in Research**	*Karunya Institute of Technology and Sciences, India*
07/2018 – 08/2018	**Summer Intern**	*IBM Turkey, Istanbul Office*

Organizations & Projects

05/2022 — Present	**Volunteer**	*Neuromatch*
06/2019 — 08/2021	**Coordinator**	*IAESTE LC METU*
07/2020	**Interactive Student**	*NMA CN Summer School*
09/2019 – 12/2019	**Workshop on Mathematics with High School Students**	*Details*
05/2017 -– 05/2018	**Team Leader & Director of Communications**	*TEDxMETUAnkara 2017 "Grand Illusions"*
2015	**Leadership School Graduate**	*Young Guru Academy*