



Oğul Can Yurdakul

Short CV

✉ yurdakul.ogulcan@gmail.com
📞 0000-0002-9426-4933

☎ +90 xxx xxx xx xx
🌐 /in/oc-yurdakul

📍 Ankara, Turkey
🌐 ogulyurdakul.github.io

Languages

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

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

Research Interests

- Statistical Signal Processing
- Computational Neuroscience
- Cognitive Science

Education

10/2021 – Present	M.S. in Electrical and Electronics Engineering <i>Specialization Area: Signal Processing CGPA: 4.00 / 4.00</i>	<u>METU EEE</u>
10/2017 – Present	B.S. in Mathematics (Double Major) <i>Expected Graduation: June 2022 CGPA: 3.86 / 4.00</i>	<u>METU MATH</u>
10/2016 – 02/2021	B.S. in Electrical and Electronics Engineering <i>Specialization Area: Biomedical Engineering CGPA: 3.76 / 4.00</i>	<u>METU EEE</u>

Publications

- | | |
|------|---|
| 2020 | 1. Yurdakul, O. C. , Subathra, M. & George, S. T. Detection of Parkinson's Disease from gait using Neighborhood Representation Local Binary Patterns. <i>Biomedical Signal Processing and Control</i> 62 , 102070. doi:10.1016/j.bspc.2020.102070 (2020). |
|------|---|

Work Experience

02/2022 – Present	Research Assistant <i>I was responsible for EE230 and EE306 for the 2021-2022 Spring term.</i>	<u>METU EEE Staff Profile</u>
09/2019 – Present	Lab Member <i>Under the supervision of Dr. Emre Özkan, I study statistical signal processing, with emphasis on particle filters and Chernoff fusion.</i>	<u>METU EEE Sensor Fusion Laboratory</u>
07/2019 – 09/2019	Summer Intern in Research <i>I proposed a new feature extraction method based on Local Binary Patterns, and showed that it was useful in a classification task [1].</i>	<u>Karunya Institute of Technology and Sciences, India</u>

Leadership and Teaching Experience

07/2021	Teaching Assistant for Tutorials <i>I was responsible for a pod (6 students) in NMA CN online summer school for 3 weeks. I helped them go over tutorials about fundamental topics on computational neuroscience and develop a project, answered their questions about the coding exercises and the underlying theory.</i>	<u>NMA CN Summer School</u> <u>Curriculum</u>
02 – 07/2020 & 10 – 12/2018	Part-time Student Assistant <i>I was the student assistant for the course MA153 Calculus for Mathematics Students I (Fall 2018) and MA154 Calculus for Mathematics Students II (Spring 2020). I graded weekly assignments and provided feedback to students.</i>	<u>METU MATH</u>