

# ORHAN SOYUHOŞ

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## EDUCATION

<b>University of California – Davis</b> , CA, United States Ph.D. student, Psychology Designated Emphasis in Neuroengineering	Sep 2022-Present
<b>University of Trento</b> , Trento, Italy M.Sc., Cognitive Science Track: Cognitive Neuroscience Grade: 110/110	Sep 2019-Mar 2022
<b>Bogazici University</b> , Istanbul, Turkey B.A., Philosophy Grade: 3.29/4    Honors student	Sep 2014-Jan 2019
<b>KU Leuven</b> , Leuven, Belgium Exchange Student, Philosophy	Feb 2017-Jul 2017

## RESEARCH EXPERIENCE

<b>Cognitive Control Lab</b> , Center for Neuroscience at UC Davis Role: Graduate student researcher Mentor: Dr. Xiaomo Chen Project: Feature-based pre-saccadic attention	Sep 2022-Present
<b>Attention Network Group</b> , CIMeC at University of Trento Role: Research assistant Mentor: Dr. Daniel Baldauf Project: Intrinsic fMRI connectivity of prefrontal cortex.	Apr 2022-Aug 2022
<b>Object Vision Group</b> , CIMeC at University of Trento Role: Research intern Mentor: Dr. Stefania Bracci Project: <a href="#">Object vs. scene perception</a>	Jan 2022-Mar 2022
<b>Attention Network Group</b> , CIMeC at University of Trento Role: Master's thesis project Mentor: Dr. Daniel Baldauf Project: <a href="#">Functional connectivity fingerprints of FEF and IFJ</a>	Mar 2021-Mar 2022
<b>Donders AI for Neurotech Lab</b> , Donders Institute at Radboud University Role: Research intern Mentors: Dr. Yağmur Güçlütürk and Dr. Umut Güçlü Project: <a href="#">Naturalistic video reconstruction from brain activity</a>	Nov 2020-Feb 2021

## TEACHING EXPERIENCE

<b>Teaching Assistant</b> , <b>University of California – Davis</b> , CA, United States Courses: · Psychology of Emotion	Jan 2023-Mar 2023
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## INDUSTRY EXPERIENCE

**Data Specialist, ATB Holidays** at Istanbul, Turkey Aug 2018-Jan 2019  
ATB Holidays, a B2B travel agency: Assisted product manager with supplier optimization, contract negotiations, account management, and cost control.

## GRANTS AND SCHOLARSHIPS

National Science Foundation Research Training (#2152260) NeuralStorm Fellowship (\$55k)	2023-2024
Research Assistant Fellowship at CIMEC funded by the Fondazione Caritro (\$2.5k)	2022
Erasmus+ Internship Grant (\$4k)	2020-2021
Italian Ministry of Foreign Affairs and International Cooperation (MAECI) Scholarship (\$12k)	2019-2021
Mehmet Zorlu Foundation Success Scholarship (\$16k)	2013-2018
Erasmus+ Study Grant (\$2k)	2017

## PUBLICATIONS

### Peer-reviewed:

1. Soyuhos, O., & Baldauf, D. (2023). Functional connectivity fingerprints of the frontal eye field and inferior frontal junction suggest spatial versus non-spatial processing in the prefrontal cortex. *European Journal of Neuroscience*.

## CONFERENCE PRESENTATIONS

1. Soyuhos, O., & Baldauf, D. (2022). [Functional Connectivity Fingerprints of Frontal Eye Field and Inferior Frontal Junction](#). Poster presented at Vision Sciences Society annual meeting (VSS), St. Pete Beach, FL, USA.

## DIGITAL SKILLS

Programming: MATLAB, Python, and R.  
Cognitive Neuroscience Toolboxes: Brainstorm, Connectome Workbench, CoSMoMvpa, EEGLAB, Fieldtrip, SPM12, PsychToolbox, and PyMvpa.  
Machine Learning Libraries: PyTorch, Scikit-learn, and TensorFlow.  
Other: Adobe Photoshop and WordPress.

## LANGUAGE SKILLS

Turkish (native) and English (IELTS 7/9).

## CERTIFICATIONS

UniTrento - <a href="#">Neural Networks in Neuroscience</a>	Dec 2020
DeepLearning.AI - <a href="#">Deep Learning Specialization</a>	Dec 2020
MathWorks - <a href="#">MATLAB Fundamentals</a>	Jul 2020
Stanford University - <a href="#">Machine Learning</a>	Mar 2018
MITx - <a href="#">Introduction to Computer Science and Programming Using Python</a>	Nov 2016