

Alessandro (Ale) Thomas Gifford



EDUCATION

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| 2018 - 2019 | Research Internship
Freie Universität Berlin, Berlin, Germany
Advisors: Daniel Kaiser, Radoslaw M. Cichy |
| 2017 - 2019 | MSc Cognitive Neuroscience
CIMEC, Rovereto, Italy
Advisors: Daniel Kaiser, Radoslaw M. Cichy, Scott L. Fairhall |
| 2016 - 2017 | Philosophy Exchange Student
University of John Paul II, Kraków, Poland |
| 2014 - 2017 | BA Philosophy
University of Trento, Trento, Italy
Advisors: Carlo Brentari, Paola Giacomoni |

WORK IN RESEARCH

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| 2019 - now | PhD in Cognitive Computational Visual Neuroscience
Freie Universität Berlin, Berlin, Germany
Advisor: Radoslaw M. Cichy |
| 2022 | Organization of the Algonauts Project 2023 Challenge
University of Minnesota, Minneapolis, MN, USA
Advisors: Kendrick Kay, Radoslaw M. Cichy |
| 2021 | Research Project in Brain Computer Interface Technology
Charité - Universitätsmedizin Berlin, Berlin, Germany
Advisor: Surjo Soekadar |

MEMBERSHIPS & AFFILIATIONS

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| 2021 - now | Bernstein Center for Computational Neuroscience, Berlin, Germany |
| 2020 - now | Einstein Center for Neurosciences, Berlin, Germany |

FUNDING

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| 2020 - 2023 | Einstein Center for Neurosciences PhD scholarship |
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PEER-REVIEWED ARTICLES

Gifford AT, Dwivedi K, Roig G, Cichy RM. 2022. A large and rich EEG dataset for modeling human visual object recognition. *NeuroImage*, 264:119754. DOI: <https://doi.org/10.1016/j.neuroimage.2022.119754>

PREPRINTS

Gifford AT, Lahner B, Saba-Sadiya S, Vilas MG, Lascelles A, Oliva A, Kay K, Roig G, Cichy RM. 2023. The Algonauts Project 2023 Challenge: How the Human Brain Makes Sense of Natural Scenes. *arXiv preprint*, arXiv:2301.03198. DOI: <https://doi.org/10.48550/arXiv.2301.03198>

DATASETS

Gifford AT, Dwivedi K, Roig G, Cichy RM. 2022. A large and rich EEG dataset for modeling human visual object recognition. DOI: <https://doi.org/10.17605/OSF.IO/3JK45>

CONFERENCE POSTER PRESENTATIONS

Gifford AT, Dwivedi K, Roig G, Cichy RM. August 2022. A large and rich EEG dataset for modeling human visual object recognition. Cognitive Computational Neuroscience (CCN), San Francisco, CA, USA.

PROGRAMMING SKILLS

Languages: Python, MATLAB, Bash, HTML, CSS, JavaScript

Frameworks: PyTorch, scikit-learn, SciPy, NumPy, MNE, Nilearn, Braindecode

ADDITIONAL EDUCATION

2020 - 2021	Machine Intelligence I Technische Universität Berlin, Germany
2020 - 2021	Single Variable Calculus MIT OpenCourseWare
2019 - 2020	Linear Algebra MIT OpenCourseWare

SUPERVISION EXPERIENCE

2022 Özkan Hüseyincan (Internship supervision)
2021 Andrei Kitaitsev (MSc thesis supervision)

ACADEMIC REFERENCES

Radoslaw Martin Cichy, Prof.

Research Group Leader
Freie Universität Berlin
Department of Psychology and Education
Habelschwerdter Allee 45
14195, Berlin, Germany
radoslaw.cichy@fu-berlin.de

Kendrick Kay, Prof.

Research Group Leader
University of Minnesota
Center for Magnetic Resonance Research (CMRR)
2021 6th St SE
55455, Minneapolis, MN, USA
kay@umn.edu

SPOKEN LANGUAGES

English (native)

Italian (native)

French (good)

German (basic)