

Niklas Müller

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EDUCATION

2022 – present	Universiteit van Amsterdam, Brain and Cognition Group, Department of Psychology, Amsterdam, The Netherlands PhD Candidate Computational Neuroscience: <i>Building Human Vision Using AI</i> Advisors: Dr. H. Steven Scholte, Dr. Iris I. A. Groen
2020 – 2022	Vrije Universiteit Amsterdam, Faculty of Science, The Netherlands MSc Artificial Intelligence, Cognitive Science Track Thesis Title: <i>Divisive Normalization Improves Population Receptive Field Model Based on Non-Human Primate Electrophysiology Recordings.</i> Advisors: Dr. Tomas Knapen, Prof. Dr. Serge Dumoulin
2016 – 2019	Georg-August-Universität Göttingen, Institute for Informatics, Göttingen, Germany BSc Applied Computer Science, Neuroinformatics Tracks Thesis Title: <i>Decoding Algorithms for Brain-Control of 3D-Movements Based on Local Field Potentials</i> Advisors: Prof. Dr. Alexander Gail, Prof. Dr. Florentin Wörgötter

PROFESSIONAL APPOINTMENTS

Sept 2021 – Aug 2022	Spinoza Centre for Neuroimaging, Amsterdam, The Netherlands Research Assistant for Prof. Dr. Serge Dumoulin
April 2021 – July 2022	Vrije Universiteit Amsterdam / Demonstrator Lab, Amsterdam, The Netherlands Software Developer, App: “Meta-Grip”
Feb 2021 – March 2021	Vrije Universiteit Amsterdam, Faculty of Science, Amsterdam, The Netherlands Teaching Assistant, Software Design
2020 – present	Netzwerk-BWP e. V., Erfurt, Germany Project partner; Software Developer Project in historic vocational training and education and science research
Oct 2019 – Aug 2020	IBM Client Innovation Center Germany GmbH, Magdeburg, Germany Software Developer
April 2019 – Sept 2019	Georg-August-Universität Göttingen, Institute for Informatics, Göttingen, Germany Teaching Assistant, Logic and Verification
2017 – 2019	Georg-August-Universität Göttingen, Professorship for Applications and E- Business, Göttingen, Germany Software Developer

AWARDS AND GRANT FUNDING

2023. Data Science Center Training Support. 500€

2016. Niedersachsenstipendium. 500€

NON-REFEREED PUBLICATIONS

- Götzl, M., Geiser, P. & **Müller, N.** (2020). NETWERK-BWP. Zur Entwicklung der Berufs- und Wirtschaftspädagogik als wissenschaftliche Disziplin. In F. Kaiser & M. Götzl (Hrsg.), Historischen Berufsbildungsforschung. Perspektiven auf Wissenschaftsgenese und -dynamik (S. 73–92). Detmold: Eusl.

CONFERENCE PROCEEDINGS

Müller N, Groen IIA, Scholte HS (2023) Ultra-high resolution images improve modeling of neural activity evoked by natural scenes. *Annual Meeting for the Society for Neuroscience (SfN)*, Washington, USA [Poster]

Müller N, Groen IIA, Scholte HS (2023) Pre-Training on High-Quality Natural Image Data Reduces DCNN Texture Bias. *Cognitive Computational Neuroscience (CCN) 2023* [Poster]

MENTORSHIP EXPERIENCE

2022-2023. Supervision of one master student and two bachelor students at Department of Psychology, UvA.

ACADEMIC REFERENCES

- Dr. Iris I. A. Groen
Institute for Informatics
University of Amsterdam
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Science Park 900, 1098 XH
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- Dr. H. Steven Scholte
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- Dr. Tomas Knapen
Faculty of Behavioural and Movement Sciences, Cognitive Psychology
Spinoza Centre for Neuroimaging, (Principal Investigator)
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