

Ninell Eva Maria Oldenburg



EDUCATION

2021 - 2023	University of Copenhagen, DK M.Sc. IT & Cognition <i>Focus: ML, AI Ethics</i>	(GPA: 4.0)
2022	The Hong Kong University of Science and Technology, HK Exchange: Philosophy & Economics <i>Focus: Game Theory, Microeconomics</i>	(GPA: 3.6)
2017 - 2020	University of Potsdam, DE B.Sc. Computational Linguistics <i>Focus: Semantics, Theory of Computer Science</i>	(GPA: 3.0)
2018 - 2019	The University of Trento, IT Exchange: Human-Computer-Interaction <i>Focus: Data Science, Italian Language</i>	(GPA: 3.9)

ACADEMIC WORK EXPERIENCE

Research Fellow, Principles of Intelligent Behavior in Biological and Social Systems	June 2023 - Sep 2023
Investigating and modeling social norm learning and sustenance in a structured, Bayesian, symbolic way using the DeepMind Melting Pot environment. <i>Mentor: Tan Zhi Xuan (M.I.T.).</i>	
Visiting Graduate Research Assistant, M.I.T., Cambridge, MA, USA	Feb 2023 - Jun 2023
Building a Bayesian model for symbolic norm learning in a rich multi-agent environment (Python, Lua). <i>Supervisors: Tan Zhi Xuan (Ph.D. candidate), Dr. Nora Hollenstein (Ass. Prof.).</i>	
Private Computer Science Tutor, Hong Kong, HK	Sep 2022 - Dec 2022
Advising undergrads in C++-	
Graduate Research Assistant, IT University Copenhagen, DK	Oct 2021 - Dec 2022
Study on the state of the art of bias research in NLP. <i>Supervisor: Prof. Barbara Plank.</i>	
Undergraduate Research Assistant, University of Dramatic Art, Berlin, DE	Sep 2019 - Feb 2020
Developed an end-to-end system for Computer-Aided Pronunciation. <i>Supervisors: Prof. Andree Gubisch (Speech Training), Prof. David Schlangen (Computational Linguistics).</i>	
Software Engineering Intern, German Research Center for AI, Berlin, DE	May - Aug 2017
Developed a multi-modal scheduling app (mostly JavaScript, HTML, CSS). <i>Supervisor: Dr. Kinga Schumacher.</i>	

PUBLICATIONS

- Oldenburg, N. & Zhi-Xuan, T. (2023).** Making Learning Visible: Symbolic Bayesian Norm Learning and Sustenance in Complex Multi-Agent Environments. [*Working Paper.*]
- Oldenburg, N. & Plank, B. (2023).** Yet Another Social Bias: A Diachronic Meta-Study of Bias and Fairness in the Natural Language Processing Literature. [*Under review.*]

NON-ACADEMIC WORK EXPERIENCE

Associate Linguist, Google Germany (via Adecco), Hamburg, DE	Aug 2020 - Aug 2021
Developed, maintained, and improved the Google Assistant by resolving bugs, creating, reviewing, and annotating linguistic data, and training and evaluating the ML systems. Also advised new colleagues.	
Integration Mentor, Huckepack e.V., Berlin, DE	Sep 2016 - Sep 2018
Volunteered as mental health and integration mentor for social and school activities for a refugee teenager.	

HONOURS, FELLOWSHIPS & SUMMER SCHOOLS

2023 **Principles of Intelligent Behavior in Biological and Social Systems Fellowship, PIBBSS**
2023 **Training for Good EU Tech Policy Fellowship** (dropped out)
2022 **FTX Future Fund Regrantee:** \$7,500 for running an AI reading group
2022 **FTX Future Fund Regrantee:** \$10,600 for personal development in AI-related topics
2019 **31st European Summer School for Language, Logic, and Information, ESSLLI**
2018 **Erasmus+ Study Grant:** \$3,600 for an exchange at the University of Trento, Italy

(PROGAMMING) LANGUAGES

Programming **Python** (Incl. SciPy, NLTK, Pandas; learning: Huggingface, some PyTorch),
C++, **Lua** (each ca. 200h),
HTML, **CSS**, **JavaScript**, **Java** (each ca. 100h)
Languages **German** (native),
English (fluent),
Italian, **French**, **Danish** (intermediate)

MISCELLANEOUS

Journalism Writer & Editor (2016 - 2020)
Youth Journalist (2010 - 2014)
Blogging 12 Months at 12 Places (2020 - 2021)
Books (2015 - 2017)

[Kiez und Kneipe](#), Berlin
[Märkische Oderzeitung](#), Frankfurt (Oder)
[Zwoelfmaldeutschland](#), Germany
[Yet Another Bookreview](#)