Ninell Eva Maria Oldenburg

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EDUCATION

2021 - 2023	**MSc IT & Cognition, University of Copenhagen, DK**	
	Focus: ML, AI Ethics	(GPA: 4.0)
2022	**Exchange, The Hong Kong University of Science and Technology, HK**	
	Focus: Game Theory, Microeconomics	(GPA: 3.6)
2017 - 2020	**BSc Computational Linguistics, University of Potsdam, DE**	
	Focus: Semantics, Theory of Computer Science	(GPA: 3.0)
2018 - 2019	**Exchange, The University of Trento, IT**	
	Focus: Data Science, Italian Language	(GPA: 3.9)

ACADEMIC WORK EXPERIENCE

Research Fellow, PIBBSS Fellowship, Oxford, UK/Prague, CZ — June 2023 - Sep 2023

Modeled an environment for learning and sustaining normative systems in multi-agent Markov games via Bayesian rule induction. *Mentor: Tan Zhi Xuan (MIT).*

Visiting Graduate Research Assistant, MIT, Cambridge, MA, USA — Feb 2023 - Jun 2023

Built a Bayesian model for symbolic norm learning in a rich multi-agent environment.
Supervisors: Tan Zhi Xuan (MIT), Dr. Nora Hollenstein (University of Copenhagen).

Graduate Research Assistant, IT University Copenhagen, DK — Oct 2021 - Dec 2022

Conducted a study on the state of the art of bias research in NLP.
Supervisor: Prof. Barbara Plank (LMU Munich/IT University Copenhagen).

Undergraduate Research Assistant, University of Dramatic Art, Berlin, DE — Sep 2019 - Feb 2020

Developed an end-to-end system for Computer-Aided Pronunciation.
Supervisors: Prof. Andree Gubisch (University of Dramatic Art), Prof. David Schlangen (Potsdam University).

Software Engineering Intern, German Research Center for AI, Berlin, DE — May - Aug 2017

Developed a multi-modal scheduling app. *Supervisor: Dr. Kinga Schumacher (DFKI).*

HONOURS, FELLOWSHIPS & SUMMER SCHOOLS

2023	**PIBBSS Fellowship, Principles of Intelligent Behavior in Biological and Social Systems:** $10,000
2023	**Training for Good EU Tech Policy Fellowship:** $9,000
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:** travel costs
2018	**Erasmus+ Study Grant:** $3,600 for an exchange at the University of Trento, Italy

PUBLICATIONS

Oldenburg, N. & Zhi-Xuan, T. (2023). Learning and Sustaining Shared Normative Systems via Bayesian Rule Induction in Markov Games. [*Submitted to AAMAS 2024*]

Oldenburg, N. & Plank, B. (2023). Yet Another Social Bias: A Diachronic Meta-Study of Bias and Fairness in the Natural Language Processing Literature. [*Working Paper*]

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.

(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)	Kiez und Kneipe, Berlin
	Youth Journalist (2010 - 2014)	Märkische Oderzeitung, Frankfurt (Oder)
Blogging	12 Months at 12 Places (2020 - 2021)	Zwoelfmaldeutschland, Germany
	Books (2015 - 2017)	Yet Another Bookreview

Last updated: October 13, 2023