

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

Visiting Graduate Research Assistant, M.I.T., Cambridge, MA, US	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++-	
Cause Area Specialist, Effective Altruism Denmark, DK	Jul 2022 - Jan 2023
A lot of studying current topics in AI alignment and AI governance, incl. leading a reading group; Some coaching for people who want to get into the field.	
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>	
Virtual Infrastructure Member, ACL Conference, Online	Jun - Jul 2020
Volunteered as a software engineer before and during the conference.	
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. & Plank, B. (2023). Yet Another Social Bias: A Diachronic Meta-Study of Bias and Fairness in the Natural Language Processing Literature. [*Under review.*]

PROJECTS

Irony Detection in Twitter Users (PAN Shared Task)	Paper on GitHub
Can we predict irony users by using the sentiment, topic analysis, and lexical features of their tweets? <i>Supervisors: Prof. Patrizia Paggio, Dr. Manex Aguirrezabal Zabaleta (Ass. Prof).</i>	
Music Emotion Regression Analysis of Audio Features & Lyrics	Paper on Arxiv
What predicts the sentiment of songs better: lyrics or audio features? <i>Supervisors: Prof. Patrizia Paggio, Prof. Costanza Navaretta.</i>	

OUTREACH

Facilitator for the Horizon Fellowship by Effective Altruism Hong Kong

[Horizon Fellowship](#)

Introducing concepts of effective altruism and risks from AI.

Founder of the AI Safety Fellowship Reading Group, Berkeley, CA, U.S.

[Link to EA Forum Post](#)

8-week reading group on AI risks with 20 participants.

NON-ACADEMIC WORK EXPERIENCE

Email Marketing Student Assistant, SOUNDBOKS, Copenhagen, DK

Oct 2021 - Jun 2022

Hold the end-to-end ownership of the email marketing strategy and all email needs (planning, creation, tracking, and data analysis); guided the English and German copywriting and localization.

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.

PRESENTATIONS

2021 **Talk about Formal Language Theory** for Master's students at the University of Copenhagen

2021 **Talk about Formal Language Theory** at Google-intern "Room For Improvement"-Sessions

2019 **Invited System Demonstration** of a Self-Developed Tool for Computer-Aided Pronunciation Training, University of Dramatic Art, Berlin

HONOURS & AWARDS

2022 **FTX Future Fund Regrantee** (\$7,500) for an AI Safety Reading Group

2022 **FTX Future Fund Regrantee** (\$10,600) for Personal Development

2022 **Scouts and Novices Mentee** with mentor Marius Hobbhahn (AI safety researcher & Ph.D. candidate)

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, PyTorch),
C++ (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](#)