

Gabriel Damamuye Hamalwa

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Google Scholar
GitHub

EDUCATION

Ludwig-Maximilians-Universität München (LMU) Bachelor of Science (B.Sc.) Computer Science & Sociology	Munich, Germany 2019 - 2025
TUDIAS TU Dresden Institute of Advanced Studies Preparatory College (Technical Stream)	Dresden, Germany 2018 - 2019
Deutsche Höhere Privatschule Windhoek (DHPS) National Senior Secondary Certificate (NSSCH)	Windhoek, Namibia 2013 - 2017

RESEARCH EXPERIENCE

Ludwig-Maximilians-Universität München Senior Thesis <i>"Trick Mirror: GPT-3 Bias and Psychology. A Question of Insights or Illusions?"</i> Examined the presence of maladaptive personality traits in GPT model behaviour, with implications for artificial intelligence (AI) safety and ethics.	Munich, Germany 2024
Ludwig-Maximilians-Universität München Center for Information and Language Processing (CIS) <ul style="list-style-type: none">– Student researcher for Respond2Hate, a project funded by the European Research Council (ERC) and led by Prof. Dr. Hinrich Schütze at the LMU chair for computational linguistics, focused on adaptive language models for hate speech detection in low-resource settings.– Afrikaans and Oshiwambo language contexts, focusing on LGBTQIA+ target groups under the supervision of Dr. Axel Wisiorek.	Munich, Germany 2022 – 2023

PROFESSIONAL EXPERIENCE

neubau kompass AG Student Software Developer Full-stack web development, REST API engineering, and R&D for LLM-driven apps.	Munich, Germany 2023 – Present
Center for Digital Humanities, LMU Student Assistant Provided technical support and troubleshooting for hardware and software in the humanities departments.	Munich, Germany 2022 – 2023
Center for Advanced Studies, LMU Student Assistant Managed CMS platforms, digital academic publications, and provided IT support to researchers.	Munich, Germany 2021 – 2023
International Office, LMU Student Assistant Supported international student enrolment, managed electronic records, and offered advisory services.	Munich, Germany 2020 – 2021

PUBLICATIONS AND PRESENTATIONS

Mind the (AI) Gap: Psychometric Profiling of GPT Models for Bias Exploration

Accepted for publication in *CEUR Workshop Proceedings (LWDA 2024)*. Presented at the LWDA 2024 Conference (oral and poster presentations).

Hate Speech Detection with LLMs in Low-Resource Settings

Manuscript under preparation for submission to the *63rd Annual Meeting of the Association for Computational Linguistics (ACL 2024)*.

Cross-Linguistic Bias Transfer in Multilingual Models: A Case Study of Dutch, German, and English Biases in Afrikaans NLP

Manuscript in preparation for submission to the *NAACL Student Research Workshop (SRW) 2025*.

LEADERSHIP EXPERIENCE

Anti-Racism & Culture Club (ARCC) e.V.

Munich, Germany

Chairperson and Volunteering Co-Founding/Board Member

2021 – Present

Administrative duties, membership coordination, event coordination, moderation, and representation in public and institutional forums.

TECHNICAL SKILLS

Programming: PHP, Python, Java, TypeScript, SQL, Haskell

Machine Learning: LangChain, TensorFlow, PyTorch, Natural Language Processing (NLP)

Web Development: PHP Symfony, Next.js, Flask, Tailwind CSS, Bootstrap, HTML, CSS

Software Development: Docker, Kubernetes, GitHub, Jenkins, CI/CD Pipelines, REST APIs

Data Management: Database Design and Management, SQL, NoSQL, Data Analytics

LANGUAGES

Native: English, Oshiwambo, Afrikaans

Advanced Proficiency: German (C1 CERFL)

Beginner Proficiency: French

AWARDS AND HONOURS

DAAD SIST LMU Scholarship Award: Awarded for exceptional academic and extracurricular performance, 2021.

2nd Place, NSSCH National Exams (English First Language): Outstanding achievement, 2018.

12th Place, NSSCH National Exams (German Foreign Language): Outstanding achievement, 2018.

1st Place, Goethe-Zentrum National Language Competition: Winner for German as a Foreign Language, 2017.

Biology Higher Level Academic Award: Best overall performance, DHPS, 2017.

German as a Foreign Language Academic Award: Best overall performance, DHPS, 2017.

South African De Beers English Olympiad: Bronze Prize, 2017.

Best Overall Performance in Year 11: Awarded for outstanding academic performance, 2016.

Best Overall Performance in Year 10: Awarded for outstanding academic performance, 2015.

Social Engagement Award: For exceptional contributions to community initiatives in Year 10, 2015.

EXTRACURRICULARS, VOLUNTEERING AND INTERNSHIPS

Lego Robotics Club (DHPS): Member, 2017.

Graduation Ball Committee (DHPS): Member, 2017.

Botanical Gardens Windhoek: Volunteer, 2017.

United Nations Information Centre (UNIC): Intern, 2016.

Youth Environmental Group (DHPS): Member, 2016.

First-Aid Group (DHPS): Member, 2017.

School Newspaper (DHPS): Journalist and Graphic Designer, 2015–2016.

Model United Nations Windhoek (MUN): Delegate, 2015–2017.