




Adrian Maurice MÜLTHALER












 muelthaler.com

 nairdanus


Education

- 10.2024 – 09.2026  **M.Sc., Ludwig-Maximilian-University of Munich** in Computational Linguistics and Computer Science.
- 10.2021 – 09.2024  **B.Sc., Ludwig-Maximilian-University of Munich** in Computational Linguistics and Computer Science.
Overall grade: 1.13 (GPA 95.67%)
Thesis title: *Simulating Circuits in Quantum Natural Language Processing using Tensor Networks.*
- 07.2021  **European Baccalaureate, European School Munich**
Grade: 93.54%

Employment History

- 09.2024 – 02.2024  **Student Research Assistant (Hiwi),**
 Center for Information and Language Processing, LMU Munich
 Collaborative Research Center for Expert-AI Cooperation
▶ Formatting and Organizing Complex Documents in LaTeX
- 04.2024 – 08.2024  **Tutor for Introduction to Quantum Computing,**
 Institute for Informatics, LMU Munich
▶ Introduction to Quantum Mechanics
▶ Quantum Bits / Registers
▶ Entanglement, Quantum Teleportation, Dense Coding
▶ Quantum Algorithms e.g. Grover's, Shor's, VQA
▶ Quantum Cryptography
-  **Tutor for Mathematical Methods in Computational Linguistics,**
 Center for Information and Language Processing, LMU Munich
▶ Discrete Mathematics
▶ Linear Algebra
▶ Stochastics
- 10.2022 – 02.2025  **Tutor for Introduction to Computational Linguistics,**
 Center for Information and Language Processing, LMU Munich
▶ Introduction to Linguistics
▶ Automata Theory / Context-Free Grammars
▶ Statistical Language Models e.g. Naive Bayes, Hidden Markov Models
- 11.2021 – 09.2023  **Working Student in the field of Data Science,**
 Knowlix GmbH
▶ Data Generation with Jinjazz and HTML/CSS templates
▶ Web Scraping using Python

Skills


Languages  German - Native Speaker
Romanian - Native Speaker
English - Proficient (IELTS: Band 8)
Spanish - Basic Proficiency
French - Limited Proficiency (A2+)
Chinese - Limited Proficiency (HSK2)

Coding   Python
 Java
 Haskell




Web Dev   HTML
 CSS
 LAMP Web Server with django
 JavaScript

Miscellaneous




Extracurricular Activities

since 2024  Member of the Student Union for Computational Linguistics

Interests

-  Quantum Computing
-  Natural Language Processing
-  Free and Open-Source Software

Hobbies

-  Football
-  Bouldering
-  Sailing