Adrian Maurice MÜLTHALER

muelthaler.com nairdanus

Education

10.2021 – 08.2024 **B.Sc., Ludwig-Maximilian-University of Munich** in Computational Linguistics and Computer Science.
Current grade: 1.1 (GPA 94.80%)
Thesis title: *Simulating Circuits in Quantum Natural Language Processing using Tensor Networks.*

07.2021 **European Baccalaureate, European School Munich**
Grade: 93.54%

Employment History

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 – 02.2024 **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 Jinja2 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 ($HSK2$)

Skills (continued)

Coding	Python Java λ 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