



# 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 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)

## Skills (continued)

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- Coding
  - Python, Java, Haskell, C++
- Web Dev
  - HTML, CSS, LAMP Web Server, JavaScript

## Miscellaneous

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### 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