

Seoha Lee

Computational Linguistics Student at the University of Tübingen

✉ my72058@gmail.com

🔗 seoha-lee.github.io

🌐 <https://github.com/Seoha-Lee>

🌐 [linkedin.com/in/seoha-lee](https://www.linkedin.com/in/seoha-lee)

Profile

Goal-oriented and **adaptable** student of Computational Linguistics with **strong communication and coordination skills**. Experienced in working with **international teams, supporting AI tasks, handling documentation, and data processing**. Interested in **practical usage of AI, IT strategy, AI product management and learning business aspects of technology**.

Professional Experience

Mar 2024 – Aug 2025
Tübingen, Germany

Data Annotation Specialist Working Student

Maddox AI GmbH

- **Ensured the accuracy and quality of data** for training machine learning models, enhancing the performance and reliability of vision-based AI systems by **analyzing confusion matrices, identifying misclassification patterns, and fine-tuning classification thresholds**.
- **Developed a physical marker detection AI model** as a personal project, including **data collection, annotation, and training**.
- **Analyzed data trends** to inform **decisions regarding product strategy**
- **Maintaining Maddox Knowledge Center** both in German and English
- Conducted **onboarding and training** for new data annotators
- Assisted international team members **providing feedback on the system**

Sep 2024 – Mar 2025
Tübingen, Germany

Student Assistant: Logic

University of Tübingen

- **Prepared weekly lecture materials** for instructing students
- **Collaborated** with fellow tutors using GitHub
- **Scheduled and managed** work distribution and assigning tasks
- **Worked in a team** to **design and devise** assignments and exams using LaTeX and similar tools

Dec 2022 – Mar 2023
Daejeon, South Korea

Student Assistant

Korea Institute of Science & Technology Evaluation and Planning (KISTEP)

- **Conveyed user feedback** to the technical team
- **Guided users** on how to use the system online
- **Assisted communication** between technical team and planning team
- **Organized personal information** of foreign members in a **digital format**

Education

Oct 2023 – present
Tübingen, Germany

B.A. International Studies in Computational Linguistics (ISCL)

Eberhard Karls Universität Tübingen

- Natural Language Processing
- Machine Learning
- Statistics
- Text Technology
- Mathematics
- General Linguistics
- Applied Linguistics

Mar 2022 – Dec 2022
Daejeon, South Korea

B.A. Psychology (2 Semesters)

Chungnam National University

- Introduction to Psychology
- Statistics for Psychology
- Neuroscience

Skills

Programming (Python, Java)	JIRA
Communication Skills	Teamwork
Adaptability	Time Management
Data-driven problem solving	Data Annotation
MS Office	SQL
Unix Command Tools	Numpy
Mathematics (Linear Algebra, Calculus, Probability Theory, Information Theory)	

Languages

English CEFR Level C1 (IELTS 7.0)	German Prüfung TELC Deutsch B2	Korean Native Speaker
Spanish	Chinese	

Projects

Mar 2025 – Jul 2025	Physical Marker Detection Project <i>Maddox AI GmbH</i> <ul style="list-style-type: none">• Developed a physical marker detection model in collaboration with the ML team, handling data collection, image annotation, model training, and optimization• Implemented and refined detection algorithms in Python
Feb 2025 – Feb 2025	Generating data for transition-based parser training <i>Data Structure and Algorithms III - University of Tübingen</i> <ul style="list-style-type: none">• Took a dependency treebank in CoNLL-U format, and produced a dataset suitable for training a (delexicalized) transition based parser in Python
Jun 2024 – Jul 2024	Key Word in Context (KWIC) Searcher <i>Data Structure and Algorithms II - University of Tübingen</i> <ul style="list-style-type: none">• Search in text from a document or a website to show the word in context with additional linguistics information• Implemented UI with Java Swing• Motivated team members for a better result and organized a list of tasks to complete the project before deadline

Interests

• Multilingualism	• Language Evolution	• Baking/Cooking
• Practical Usage of AI	• AI Product Management	• LLM