

Seoha Lee

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EDUCATION

University of Tübingen

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

- As a Computational Linguistics student, my program combines Natural Language Processing (NLP), Machine Learning, Statistics, Text Technology, Mathematics for Machine Learning, and core areas of linguistics to bridge language and technology.

Oct 2023 – present
Tübingen, Germany

Chungnam National University

B.A. Psychology (2 Semesters)

Mar 2022 – Dec 2022
Daejeon, South Korea

EXPERIENCE

Data Annotation Specialist Working Student

Maddox AI GmbH

- Synthesized product-usage insights and data-quality trends to guide model-improvement priorities, increasing the accuracy and reliability of vision-AI features.
- Identified misclassification patterns and proposed training adjustments, reducing critical failure cases and improving user-visible performance.
- Managed customer knowledge systems (EN/DE) and provided structured cross-team feedback, enhancing product clarity and supporting international collaboration.

Mar 2024 – Aug 2025
Tübingen, Germany

Teaching Assistant: Logic

University of Tübingen

- Co-managed course operations for 100+ students, overseeing task assignments and team deadlines.
- Led weekly content production via GitHub workflows, enhancing version control and collaboration efficiency.
- Designed assessments, applying analytical thinking to define problem difficulty and optimize learning outcomes.

Sep 2024 – Present
Tübingen, Germany

Student Assistant

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

- Acted as a liaison between users and development teams, gathering feedback, translating needs, and helping shape feature improvements.
- Guided users through system workflows, identifying pain points and informing UX improvements.

Dec 2022 – Mar 2023
Daejeon, South Korea

PROJECTS

Physical Marker Detection Project

Maddox AI GmbH

- Evaluated and validated a physical-marker-based annotation method to simplify data labeling for non-technical users.
- Developed and deployed an end-to-end prototype pipeline, including automated data capture, model inference (ONNX Runtime), and a robust two-class marker annotation algorithm.
- Created visualization tools, identified failure cases, and analyzed alternative marker designs, delivering actionable insights to the external partner.

Mar 2025 – Jul 2025

Key Word in Context (KWIC) Searcher

University of Tübingen

- Coordinated a 4-person team to deliver a KWIC search tool, defining project milestones and task breakdown to ensure on-time delivery.
- Structured user interface requirements and implemented the UI using Java Swing.

Jun 2024 – Jul 2024

LANGUAGES

English

CEFR Level C1 (IELTS 7.0)

German

Prüfung TELC Deutsch B2

Korean

Native Speaker

SKILLS

Programming & Tools: Python, Java, SQL, HTML, CSS, Unix Command Tools, NumPy, Scikit-Learn, R, Pandas, PyTorch

Software & Platforms: JIRA, Confluence, MS Office(Powerpoint, Excel, Word, Teams), PowerBI, Tableau, Github, GitLab, Linux

Soft Skills: Communication, Teamwork, Strategic Thinking, Problem Solving, Time Management, Flexibility, Decision Making

AI Tools & Platforms: Chat GPT, Google Gemini, Claude, Perplexity, Lovable