

Kai Li

Heidelberger Straße 103
64285
Germany
* 14 January 2001
☎ +49(0)17620342909
✉ kaili.2001@hotmail.de
in Kai-Li



Education

- Apr 2024 – Mar 2026 **M.Sc. Computer Science (Grade: 1.1 / 5 (A))**, *Technical University Darmstadt*, Darmstadt, Germany
Specialization: Machine Learning, Multimodal AI, and Generative AI
- Feb 2025 – June 2025 **Exchange Semester**, *National Taiwan University*, Taipei, Taiwan
- Oct 2020 – Dec 2024 **B.Sc. Computer Science (Grade: 1.52 / 5 (A-))**, *Technical University Darmstadt*, Darmstadt, Germany
Specialization: Natural Language Processing and Artificial Intelligence
- Feb 2025 – June 2025 **Exchange Semester**, *Högskolan i Skövde*, Skövde, Sweden
- Oct 2019 – Sept 2020 **Electrical Engineering (Coursework completed)**, *Technical University Darmstadt*, Darmstadt, Germany
Completed foundational coursework relevant to Computer Science before switching majors.

Bachelor Thesis

- Title *Evaluating Cultural Diversity in Text-to-Image Models*
- Supervisors Cecilia Chen Liu Msc. and Prof. Iryna Gurevych
- Description Developed a large-scale benchmark to assess cultural knowledge in Text-to-Image models, incorporating a multilingual dataset and compositional prompts. Uncovered significant cross-cultural and language biases using an innovative multimodal evaluation framework. Achieved an outstanding grade of 1.0 (A+)

Experience

Vocational

- Oct 2023 – March 2024 **Implementation of a Incident Management Module for the Train Management System**, *Institute for Railway Systems, TU Darmstadt*, Darmstadt
- Developed a GUI and simulation environment in Python with Tkinter for designing and managing incidents within Railway Systems.
- Detailed achievements:
- Implemented backend functions in Python and optimized the user interface with Tkinter, enhancing the system's usability.
 - Planned and coordinated project resources, while preparing and presenting status updates to the employer.
 - Improved programming skills, expanded Git expertise, and gained practical experience with agile methods such as Scrum through quality assurance and testing.

- Nov 2023 – **Tutor, Department of Computer Science, Technical University Darmstadt, Darmstadt, Germany**
 Feb 2024, Germany
- Nov 2022 – *Subjects: Foundations of Language Technology, Introduction to Compiler Construction and Visual Computing:*
 Feb 2023
- Explained complex technical concepts clearly to support student learning
 - Facilitated interactive seminars to engage and motivate students
 - Coordinated with teaching staff to improve course organization and delivery
- Oct 2021 – **Mentor, IMS System, Department of Computer Science, Technical University Darmstadt, Darmstadt, Germany**
 Mar 2022
- Supported first-year students' growth through attentive listening and guided dialogue.
 - Prepared and led weekly coaching sessions to foster self-reflection and growth








Awards & Scholarships

- Feb 2025 – **Recipient of the PROMOS Scholarship**
 June 2025
- Oct 2021 – **Recipient of the Deutschlandstipendium Scholarship**
 Sep 2023

Languages

| | | |
|---------|----------------------|---|
| German | Native | |
| English | C1 – Advanced | <i>Used in academic and professional settings</i> |
| Chinese | B1/B2 – Intermediate | <i>Heritage speaker; completed formal courses during exchange</i> |
| French | A2 – Basic | <i>Completed coursework during school</i> |
| Swedish | A2 – Basic | <i>Took introductory classes during exchange semester</i> |

Computer skills

| | | | |
|------------------------|---|----------------------------|--|
| Languages: |  | Python | <i>Used extensively in coursework and Bachelor Thesis for data analysis and automation</i> |
| |  | Java & Bash | <i>Applied in coursework and scripting workflows on Linux systems</i> |
| Methods: |  | Scrum | <i>Practiced in academic and team environments; familiar with agile workflows</i> |
| |  | Git | <i>Regular use for version control and collaboration</i> |
| Frameworks & Libraries |  | Pandas & NumPy | <i>Performed advanced data manipulation and numerical computing in Python</i> |
| |  | Huggingface & Scikit-learn | <i>Implemented state-of-the-art NLP models and classical machine learning algorithms</i> |
| |  | PyTorch | <i>Designed and trained neural networks for image recognition and NLP</i> |

Interests

- Bouldering Recreational climber for 5 years
- Traveling Interested in learning about different cultures and languages
- Languages Actively learning and practicing new languages

Kai Li
Heidelberger Straße 103
64285
Germany
📱 +49(0)17620342909
✉ kaili.2001@hotmail.de

Company Recruitment team
Company, Inc.
123 somestreet
some city

January 01, 1984

Dear Sir or Madam,

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ullamcorper neque sit amet lectus facilisis sed luctus nisl iaculis. Vivamus at neque arcu, sed tempor quam. Curabitur pharetra tincidunt tincidunt. Morbi volutpat feugiat mauris, quis tempor neque vehicula volutpat. Duis tristique justo vel massa fermentum accumsan. Mauris ante elit, feugiat vestibulum tempor eget, eleifend ac ipsum. Donec scelerisque lobortis ipsum eu vestibulum. Pellentesque vel massa at felis accumsan rhoncus.

Suspendisse commodo, massa eu congue tincidunt, elit mauris pellentesque orci, cursus tempor odio nisl euismod augue. Aliquam adipiscing nibh ut odio sodales et pulvinar tortor laoreet. Mauris a accumsan ligula. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Suspendisse vulputate sem vehicula ipsum varius nec tempus dui dapibus. Phasellus et est urna, ut auctor erat. Sed tincidunt odio id odio aliquam mattis. Donec sapien nulla, feugiat eget adipiscing sit amet, lacinia ut dolor. Phasellus tincidunt, leo a fringilla consectetur, felis diam aliquam urna, vitae aliquet lectus orci nec velit. Vivamus dapibus varius blandit.

Duis sit amet magna ante, at sodales diam. Aenean consectetur porta risus et sagittis. Ut interdum, enim varius pellentesque tincidunt, magna libero sodales tortor, ut fermentum nunc metus a ante. Vivamus odio leo, tincidunt eu luctus ut, sollicitudin sit amet metus. Nunc sed orci lectus. Ut sodales magna sed velit volutpat sit amet pulvinar diam venenatis.

Albert Einstein discovered that $e = mc^2$ in 1905.

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

Yours faithfully,

Kai Li

Attached: curriculum vitæ