Lukas Hofbauer. Bsc

Master Student

Austria, 6020 Innsbruck
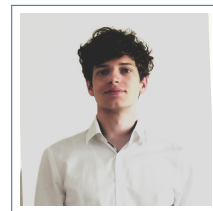Daneygasse 15
✉ lukashofbauer@hotmail.com
🌐 hofbauer.tech
 github.com/itsferguson
in linkedin.com/in/hofbauer-lukas/

Education

2019–2023	**Bachelor in Computer Science**, *University of Innsbruck* GPA: (3.8/4.0)
2023–now	**Masters in Computer Science**, *University of Innsbruck* GPA: (3.9/4.0)

Languages

German	Native proficiency	*C2*
English	Fluent in both written and spoken communication	*C2*
Italian	Able to communicate with basic phrases	*A2*
Japanese	Currently studying the fundamentals	*A1*

Experience

2022 — Web Development Project, Haarlekin, local hairdressing salon

- Established a WordPress website for Haarlekin, a local hairdressing salon.
- Gained experience in client collaboration, effectively communicating design specifications, and handling foundational web development tasks, including DNS management and SEO fundamentals.
- Reference: `www.haarlekin.at`

2023 — Lab Instructor, *University of Innsbruck*, Functional Programming Course

- Taught the lab component of the first-semester Functional Programming course, focusing on Haskell.
- Responsibilities included instructing students, correcting and discussing solutions, creating exercises, and grading the final exam.
- Developed strong communication and teaching skills, adapting methods to accommodate diverse learning styles.

2022–2023 — Bachelor Thesis, University of Innsbruck

Title: "Continual Learning in NLP"

- Developed a novel continual learning approach using pseudo rehearsal and parameter-efficient training methods, experimenting with the T5 Language Model.
- Acquired expertise with libraries like PyTorch and HuggingFace.

Ongoing — Research Paper Development

- Currently expanding my Bachelor Thesis into a full research paper based on faculty recommendations.
- Involves additional benchmarks with current LLMs and refining content based on peer reviews.

Additional Certifications

2024	**Machine Learning Specialization**, *Stanford Online* Certification Link
2022	**AWS Academy Graduate**, *Amazon Web Services (AWS)* Certification Link

Awards

2019–2020	**Performance Scholarship**, *University of Innsbruck* Awarded for exceptional academic performance.
2020–2021	**Performance Scholarship**, *University of Innsbruck* Awarded for exceptional academic performance.

2021–2022 **Performance Scholarship**, *University of Innsbruck*
Awarded for exceptional academic performance.

Community Service

2018–2019 **Service Worker**, *Old Folks Home*
○ Supported meal preparation and breakfast service, provided companionship, and assisted nursing staff
with daily operations.
○ Contributed to organizational tasks, including document sorting and filing.