Anton Zamyatin

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SKILLS

Languages	English (IELTS 8), German (native), Russian (fluent), French (basic)
Systems Programming	Python, Java, C, JS/TS
Data Modeling	PyTorch, Lightning, SQL, R
Software Engineering	Docker, Spring Boot, Angular, React, Vue

EXPERIENCE

TU Wien, Heid Group · *Research Intern*   Apr 2025 – present

- Co-developing ChemTorch, a deep learning framework for chemical reaction modeling ([code](#)).
- Researching graph neural networks (GNNs) for molecular solubility prediction.

Google Developer Group @TU Wien · *Co-Organizer*   Mar 2025 – present

- Austria's largest chapter of Google's global developer network, based in Vienna.
- We host paper discussions, hands-on workshops, and guests from research and industry.

Essen auf Rädern (Student Software Project) · *Software Engineer*   Mar 2024 – Jun 2024

- Developed order management software for a social service SME which delivers meals to the elderly.
- Led frontend development using Angular and RESTful services built with Java & Spring Boot.
- Collaborated in a student team following agile SCRUM practices.

Max Perutz Labs, Kovarik Group · *Summer Intern*   Jul 2023 – Sep 2023

- Evaluated gene expression techniques for a synthetic protein construct for inflammation research.
- Conducted transfection and transduction experiments in human cells lines.
- Performed protein expression assays (Western Blot, qRT-PCR, ELISA, IF microscopy).

EDUCATION

TU Wien · *BSc Compute Science*   Oct 2022 – Jul 2025

- Grade: 1.45 (equivalent to 3.8 GPA, top 5% of students)
- Thesis: "Low-Rank Ensembling of Neural Networks for Efficient Uncertainty Quantification"

University of Vienna · *Interdisciplinary Studies in Molecular Biology*   Oct 2022 – Jun 2024

- Completed 50 credits worth of coursework alongside computer science degree.
- Focused on chemistry, structural biology and bioinformatics.

Theresianische Akademie Wien · *High School*   Sep 2014 – Jun 2022

- GPA: 1.0 (equivalent to 4.0 GPA)

PERSONAL PROJECTS

`quizard`	Flashcard generator powered by chatGPT with Python, React and Docker ([code](#))
`message-broker`	DNS-based message broker with leader election and UDP monitoring in Java ([code](#))
`cdc-covid-19`	Comorbidity analytics dashboard Python and Steamlit ([code](#))

RELEVANT COURSEWORK

Machine Learning, Mathematics I/II/III, Data Analysis, Theoretical Computer Science, Algorithms & Data Structures, Computer Vision, Software Engineering, Distributed Systems, Operating Systems, Database Systems, Bioinformatics, Computational Structural Biology, Structural Biology I/II/III, Chemistry I/II, Immunology.

REFERENCES

Prof. Esther Heid · TU Wien, Theoretical Chemistry Unit
Prof. Thomas Gärtner · TU Wien, Machine Learning Unit