

# Anton Zamyatin

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## SKILLS

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

## EXPERIENCE

**TU Wien · Research Intern & Undergraduate Mentor** Oct 2023 – Jun 2025

- Intern at Prof. Heid's group working on Deep Learning of Chemical Reactions starting in April 2025
- Mentored 18 first-year CS students.

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

- Developed order management software for a social service SME delivering 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, including sprint planning and code reviews.

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

- Conducted molecular biology research on gene expression.
- Adapted novel a experimental protocol from an external lab for compatibility in our lab environment
- Systematically identified failure points and documented findings to support future experimental iterations.

**Business@School Competition by Boston Consulting Group** Sep 2020 – Jun 2021

- Conducted business analyses and developed of a business concept in a team
- Reached 2nd place in international finals

## EDUCATION

**TU Wien · BSc Compute Science with Honors** Oct 2022 – Jun 2026

- Grade: 1.47 (equivalent to 3.8 GPA, top 5% of students)
- Thesis: "Rank-1 Calibration for Out-Of-Distribution Robustness of Neural Networks"

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

- Completed 50 ECTS alongside computer science studies.
- Focused on structural biology and bioinformatics.

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

- GPA: 1.0 (equivalent to 4.0 GPA)

## PERSONAL PROJECTS

quizard	AI-powered flashcard generator with Python, React, Docker ( <a href="#">code</a> )
message-broker	DNS-based message broker with leader election and UDP monitoring in Java ( <a href="#">code</a> )
tb-to-csv	Developer tool for formatting TensorBoard metrics to CSV tables ( <a href="#">code</a> )
cdc-covid-19	Comorbidity analytics dashboard in Python ( <a href="#">code</a> )

## RELEVANT COURSEWORK

<b>CompSci</b>	Machine Learning, Computer Vision, Mathematics I/II/III, Data Analysis, Theoretical Computer Science, Software Engineering, Algorithms & Data Structures, Distributed Systems, Operating Systems, Databases
<b>Biology</b>	Structural Biology I/II/III, Chemistry I/II, Immunology, Genetics, Bioinformatics

## SOCIETIES AND INTERESTS

**Societies** TU Wien TOP Fellows, Vienna Tennis League

**Interests** Deep Learning, Drug Discovery & Development, Startups, SciFi, Skiing