









Kristýna Kramer

Mathematician and
aspiring Data Scientist

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General skills

- Math skills
- Research skills
- Problem solving
- Logical and analytical thinking
- Quick comprehension
- Teamwork
- Teaching and presentation skills
- Funding applications
- Creativity

IT skills

Python (incl. Pandas)



SQL



MS Excel



L^AT_EX



Languages skills

Czech Native



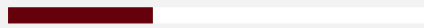
English C1



German C1



Italian A2



Professional profile

I am a mathematician and an aspiring data scientist. I have seven years of experience with research, providing me with strong problem solving skills, logical thinking, and quick comprehension. Additionally, I taught multiple university-level courses, which enhanced my presentation skills. Having lived in several countries, I am fluent in English and German, and I am learning Italian. I am currently working on strengthening my IT skills.

Employment

- 06/2025 – 12/2025 Charles University (Prague, Czechia)
Postdoctoral Fellow
A research position typical for young researchers freshly out of their doctoral studies. The aim is to become more independent in their research activities, produce scientific articles, and expand their research network.
- 01/2024 – 08/2024 University of Victoria (Victoria, Canada)
Postdoctoral Fellow
- 01/2023 – 12/2023 University of Alberta (Edmonton, Canada)
Postdoctoral Fellow
- 10/2018 – 12/2022 TU Dortmund University (Dortmund, Germany)
Scientific staff
A junior research position linked to my doctoral studies.
- 01/2013 – 08/2018 Publishing house Didaktis (Czechia)
Author of textbooks
Co-writing textbooks on mathematics for high schools. Part-time job.
- 03/2016 – 12/2017 Techambition (Czechia)
Creator of online study materials
Designing creative online lectures on mathematics for high school students. Part-time job.

Education

- 2018 – 2022 TU Dortmund University (Dortmund, Germany)
Ph.D. in Mathematics
Doctoral degree in Mathematics with specialization in Algebra.
- 2015 – 2018 Charles University (Prague, Czechia)
M.Sc. (graduated with distinction)
Major in Mathematical Structures, with a focus on Number Theory.
- 2012 – 2015 Charles University (Prague, Czechia)
B.Sc.
Major in General Mathematics.

Other Experience

- 01/2026 – now Online study (Codecademy, IBM SkillsBuild, Czechitas)
Improving my skills in Python (including libraries for data analysis), SQL, generative AI, and related topics.
- 09/2024 – 03/2025 ELLCI (Milan, Italy)
Italian language course
- 09/2018 Max-Planck Institute for Mathematics (Bonn, Germany)
Research internship
- 09/2016 – 02/2017 Technical University of Darmstadt (Darmstadt, Germany)
Exchange scholarship (Erasmus+)
- 02/2016 – 06/2016 Polytechnic University of Catalonia (Barcelona, Spain)
Exchange scholarship (Erasmus+)