Viktor Fukala

I make computers help me solve interdisciplinary problems.

I offer software engineering skills together with a strong background in mathematics and natural/computer sciences. All this complemented by a history of academic excellence. My primary goal is to find a challenging opportunity to further broaden my horizons.

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📅 09 December, 2001

github.com/mimo31

ACHIEVEMENTS

silver medal at ICPC SWERC 2022

winning team of the Quantum Information for Developers 2019 hackathon
at ETH Zürich

Google Code Jam 2021 Round 3 participant

medals from international science Olympiads

- Bronze in Informatics (2021)
- Silver in distributed Physics (2020)
- Bronze in Mathematics (2020)
- Bronze in Physics (2019)

Kepler-Preis 2019
awarded by the Kepler-Gesellschaft, Germany

SKILLS

full proficiency in English, German (C2 certificate), and Czech

6-year experience in Java

5-year experience in C and C++

experience with Python, JavaScript, C#, SQL for the last 6 years

VOLUNTEERING

teaching at the Swiss Mathematical Olympiad Association

WORK EXPERIENCE

C++ Developer, Intern
Bohemia Interactive Simulations

06/2021 - 08/2021   *Prague, Czechia*

ACADEMIC RESEARCH

Paper in algebraic geometry

Realizing Artin-Schreier covers with minimal a-numbers in positive characteristic

accepted for publication in the Involve journal; preprint at https://arxiv.org/abs/2003.09028

our group research project at PROMYS Europe 2019

EDUCATION

BSc in Computer Science
ETH Zürich

2021 - 2024   *Zürich, Switzerland*

- 50 credits with a GPA of 6.0 in the first semester

Extraordinary Study
Faculty of Mathematics and Physics, Charles University

2017 - 2021   *Prague, Czechia*

Description
- I was accepted as an extraordinary student and completed 19 courses in mathematics, physics, and computer science with a GPA of 1.0

Exchange Trimester
Winchester College

01/2018 - 03/2018   *Winchester, United Kingdom*