



Bc. Jan Masák

Curriculum Vitae



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EDUCATION

2023 – PRESENT	Faculty of Nuclear Sciences and Physical Engineering CTU - Master's Degree Mathematical Physics programme (expected graduation: June 2026)
2025	Universiteit Leiden (Netherlands) ERASMUS+ SEMESTER EXCHANGE Physics programme (within my Master's)
2024	University of Waterloo (Canada) SEMESTER EXCHANGE Physics programme (within my Master's)
2020 – 2023	Faculty of Nuclear Sciences and Physical Engineering CTU - Bachelor's Degree Mathematical Engineering programme specialisation in Mathematical Physics <i>graduated with honours, my Bachelor's thesis</i>
2014 – 2020	Jan Neruda Gymnasium

WORK EXPERIENCE

Private tutoring in mathematics and physics	JANUARY 2021 – PRESENT (PT)
In the beginning, I tutored younger students preparing for the high school entrance exams, but gradually I moved to the older ones and now mostly tutor university students.	SEPTEMBER 2025 – JANUARY 2026 (PT)
Gymnázium Radlická High school math teacher I taught mathematics to first- and second-year students at a four-year academic high school.	

SEPTEMBER 2022 – MAY 2024 (PT)
FNSPE CTU Peer Support

Faculty-funded peer support programme for junior students (theory and problem solving).

SEPTEMBER 2023 – DECEMBER 2023 (PT)
FNSPE CTU Teaching Assistant

Physics course called 'Mechanics' at our faculty, where I was leading classes focused on applying material from lectures to concrete examples and correcting exams.

FEBRUARY 2023 – MAY 2023 (PT)
Planetum Organiser at the Prague Planetarium

Together with colleagues, we operated the exhibition and flight simulators in the lower part of the planetarium.

SKILLS

PROGRAMMING	Python, L ^A T _E X, Mathematica, Abinit Git/GitHub
ELECTRONICS	small projects with Raspberry Pi, Arduino
DRIVING LICENCE	issued in 2019, categories AM BI B

LANGUAGES

ENGLISH	C2 Cambridge certificate
GERMAN	basic knowledge

ACHIEVEMENTS

2024	Fundamentals of University Teaching from University of Waterloo
2020	Astronomy Course
2019	CanSat Competition 6th place in the national round
2017	Scout Leadership Qualification
2016	Physics Olympiad 1st place in the district round Mathematical Olympiad

HOBBIES

Physics and Mathematics

I have been interested in physics and mathematics since primary school. In high school, for example, I organized a visit to CERN's open day with my friends.

Climbing

I've been climbing for about 17 years. I used to participate in competitions and have been a climbing instructor, but now I climb only recreationally.

Scout

For about 11 years I was a member of our local scout troop, where I was one of the co-leaders for some time.