



# Bc. Jan Masák

## *Curriculum Vitae*



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## EDUCATION

2023 – PRESENT	<b>Faculty of Nuclear Sciences and Physical Engineering CTU - Master's Degree</b> Mathematical Physics programme
2020 – 2023	<b>Faculty of Nuclear Sciences and Physical Engineering CTU - Bachelor's Degree</b> Mathematical Engineering programme specialisation in Mathematical Physics <i>graduated with honours</i>
2014 – 2020	<b>Jan Neruda Gymnasium</b> <i>matriculation examination in the subjects Czech and English language, Mathematics, Physics</i>

## WORK EXPERIENCE

JANUARY 2021 – PRESENT (PT)

### *Private tutoring in mathematics and physics*

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. Since these are often students who do not have a good relationship with the subject, I try to pass on my enthusiasm in addition to my knowledge and motivate them to further studies.

### FNSPE CTU *Teaching Assistant*

SEPTEMBER 2023 – DECEMBER 2023 (PT)

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

SEPTEMBER 2022 – MAY 2024 (PT)

### FNSPE CTU *Peer Support*

Programme paid for by our faculty. The goal was to support struggling students from the younger years by helping them with theory and problems from courses we had already taken.

FEBRUARY 2023 – MAY 2023 (PT)

### Planetum *Organiser at the Prague Planetarium*

Together with my colleagues we were running the exhibition and flight simulators in a lower part of the planetarium.

## SKILLS

ENGLISH	C2 Cambridge certificate
GERMAN	studied for about 8 years I'm not fluent, but I can communicate basic information to foreigners
DRIVING LICENCE	issued in 2019, categories AM B1 B I passed my exams with a manual transmission, but since then, I've only driven automatics

## ACHIEVEMENTS

2020	<b>Astronomy Course</b> successfully completed the first year
2019	<b>CanSat Competition</b> 6th place in the national round
2017	<b>Scout Leadership Qualification</b> qualifications for scout troop co-leaders
2016	<b>Physics Olympiad</b> 1st place in the district round <b>Mathematical Olympiad</b> 5x successfully solved the district round

## HOBBIES

### *Physics and Mathematics*

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

### *Climbing*

I've been climbing for about 15 years. I used to participate in competitions, but now I climb only recreationally. Apart from climbing on difficulty, I like to hike in the mountains, sometimes even on ferratas.

### *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. However, I'm not very active there at present.