

## CURRICULUM VITAE

# Pavol Šimkovič

[simkovip.github.io](https://simkovip.github.io)

October 12, 2023

### BASIC INFORMATION

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**Full name with titles:** Pavol Šimkovič

**Born:** 2001, Poprad, Slovakia

**Nationality:** Slovakia

**Citizenship:** Slovakia

### EDUCATION

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#### Grammar school

GPUK, Gymnázium Kukučínova Poprad

*High-school competitions I participated in:*

*2017-2021*

- At national level: Physics, Mathematics, IT, Economy, Geography
- IPhO 2021, International Physics Olympiad: Bronze medal
- EuPhO 2021, European Physics Olympiad: participation

#### University

Charles University, Faculty of Mathematics and Physics

*Bachelor of Mathematical Modelling*

*Expected October 2024*

- Bachelor thesis: Computing airship navigation in time-dependent wind field using level set methods; supervisor: RNDr. Karel Tůma, Ph.D.
- List of absolved courses available on my web page or can be sent upon request
- I am a speaker at Summer School of Trojsten for high-school students (years 2022, 2023; lectures of Physics and Mathematical Analysis)

### WORK EXPERIENCE

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None.

### IT SKILLS

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**Programming:** Python (numpy, matplotlib, tkinter)

- school projects: Sudoku Generator (2021), File Manager (2023)
- free-time projects: Mandelbrot Set Explorer (2018), game Invaders (2019), Astronomical Simulations (2019), Simple Map Viewer (2023) and others

**Scientific Tools:** Matlab, basics of Wolfram Mathematica

**Office:** L<sup>A</sup>T<sub>E</sub>X, MS Word, MS Excel, MS PowerPoint, MS Teams

**Operating Systems:** MS Windows, basics of Linux

**Others:** basics of HTML, Git

### OTHERS

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**Languages:** English (B2), Spanish (A2)

**Driving Licence:** B

### INTERESTS

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Present: cycling, hiking, geography, economy, game theory

Past: writing, plastic and paper modelling