

CURRICULUM VITAE

Pavol Šimkovič

simkovip.github.io

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BASIC INFORMATION

Full name with titles: Pavol Šimkovič
Place of stay: Praha - Letňany, Czech Republic
Nationality: Slovakia
Citizenship: Slovakia

EDUCATION

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

None.

IT SKILLS

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^AT_EX, MS Word, MS Excel, MS PowerPoint, MS Teams

Operating Systems: MS Windows, basics of Linux

Others: basics of HTML, Git

OTHERS

Languages: English (B2), Spanish (A2)

Driving Licence: B

INTERESTS

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

Past: writing, plastic and paper modelling