

Currently starting an MSc programme in Computer science at ETH Zürich. Research interests: algorithms, data structures, combinatorial optimization and flow networks.

Education

SEPT. 2021–NOW	MSc in Computer science ETH Zürich
SEPT. 2017–JUNE 2021	Bc. in Computer science Charles University , Faculty of Mathematics and Physics, Prague
MAY 2017	upper secondary education Grammar School and Commercial Academy Mariánské Lázně

Achievements

- 2019 ACM-ICPC Central European Regional Contest[†] – [5th place](#), advancing to World Finals 2020
- 2018 ACM-ICPC World Finals[†] – [56th place](#)
- 2017 International Olympiad in Informatics – [Silver medal \(69th place\)](#)
- 2016 ACM-ICPC Central European Regional Contest[†] – [12th place](#) (unofficial participation)
- 2016 International Olympiad in Informatics – [Bronze medal \(154th place\)](#)

Research Experience

- JUNE 2018–DEC. 2020 Part-time job in the [Industrial Informatics Research Center](#), Czech Technical University, Prague. Research in scheduling and optimisation.
- MAR. 2020–JUN. 2021 [Computer Science Institute](#), Charles University, Prague. Research in network flows and convex optimisation. A part of a Student Faculty Grant and my bachelor's thesis.

Publications

- [1] Richard Hladík, Anna Minaeva, and Zdeněk Hanzálek. On the complexity of a periodic scheduling problem with precedence relations. In *International Conference on Combinatorial Optimization and Applications*, page 107–124. Springer, 2020.

Teaching

- Programming II practicals for advanced students ([Spring 2020](#), [Spring 2019](#)), co-taught with Martin Mareš
- Programming I practicals for advanced students ([Autumn 2019](#)), co-taught with Martin Mareš

Other

Languages: Czech (native), English (C2 – CAE Grade A), German (B2), French (basics)

In my free time, I help to organise correspondence seminars, competitions and educational camps for talented high school students:

- 2018–Now [Czech Olympiad in Informatics](#)
- 2018–Now *Czech IOI Selection Camp* – a series of on-site competitions for Czech high school students that selects the Czech team for the International Olympiad in Informatics.
- 2017–2020 [KSP](#)
- 2018–2019 *Czech-Polish-Slovak Preparation Camp* – a series of on-site competitions for high school students advancing to the International Olympiad in Informatics.
- 2017–2019 [Kasiopea](#)

[†] with Václav Volhejn and Filip Bialas