

Currently an undergraduate Computer science student at Charles University, Prague. Research interests: data structures, combinatorial optimization and flow networks.

Education

SEPT. 2017–NOW 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–NOW [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 (B1), 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