

FILIP JAY DOBA



+421 949 847 087



filipjayd@gmail.com

Brezova 7, Chorvatsky Grob
Slovakia

Education

High school

Škola pre Mimoriadne Nadané Deti a Gymnázium, Teplická 7
(School for Gifted Children and Grammar School, Bratislava)

- Start date: 2.9. 2019
- (Expected) date of graduation: 30.5. 2023
- Graduation Subjects: Slovak language and literature, Mathematics, English language, Physics, Computer science
- Duration of study: 4 years

Projects

Rush hour solver

Designed and built recursive brute-force algorithm for solving generalized Rush Hour puzzles in Python over the course of the year as part of a school project

15 - puzzle solver

Designed and built a solver for a generalized version of the 15-puzzle for $m \times n$ grid in Python

Languages

Slovak - Native, English - C2, German - B1+

Competitions

Slovak mathematical and programming correspondence seminars:

- <https://kms.sk>, <https://ksp.sk>

National Mathematical Olympiad: skmo.sk/index.php?jazyk=en

- 2021/22 - 37. out of 46 at regional level, cat. A

Physics Náboj: physics.naboj.org/sk/en/

- 2022/23 - 7. out of 133. international, cat. Seniors

Mathematical Náboj: math.naboj.org

- 2020/21 - 64. out of 591 international, cat. Juniors

Zenith of programming: zenit.svsbb.sk

- 2022/23 - 28. out of 35, regional level

Interests

Hiking, cycling, traditional karate, natural reserve volunteering

Leading local church youth group

Cipher hunts (both competing in and organizing)