

Aleksandar Krastev

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Education

Massachusetts Institute of Technology

EXPECTED JUN 2023

- Pursuing a B.S. in Computer Science
- Current courses: Computational Structures and Introduction to Machine Learning

Skills

Programming: C++ (100k+ lines), Python (Django), Javascript (PhaserJS, NodeJS), Java, C#

Software: Linux, Git, LaTeX, HTML, CSS, Nginx

Languages: Fluent in English and Bulgarian, beginner in German

Projects

Nitwit: A C++ compiler for a made-up programming language

Gemini: A co-op puzzle platformer implemented in JavaScript

Stealth: A top-down 2D game implemented in JavaScript

Judge System: A Python/Django website for testing of solutions to algorithmic tasks

Awards

Gold Medals:

- | | |
|---|----------|
| • International Olympiad in Informatics, Tsukuba, Japan | SEP 2018 |
| • Balkan Olympiad in Informatics, Timișoara, Romania | JUL 2018 |
| • Romanian Masters of Informatics, Bucharest, Romania | OCT 2018 |

Silver Medals:

- | | |
|---|----------|
| • International Olympiad in Informatics, Baku, Azerbaijan | JUL 2019 |
| • European Physics Olympiad, Riga, Latvia | JUN 2019 |
| • International Olympiad in Informatics, Kazan, Russia | AUG 2016 |

Experience

National Informatics Camps / Instructor

AUG 2017 - JUN 2019, BULGARIA

- Prepared and presented three lectures on data structures and algorithms topics to 20 high school students.
- Prepared practice tasks to complement the discussed material.

Softuni / C# Basics Instructor

JAN 2017 - APR 2017, VARNA, BULGARIA

- Taught an introductory C# course to 40 students of various ages.
- Completed twelve four-hour lectures.