

# Aleksandar Krastev

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• <https://github.com/Alaxe>

• <https://alexalex.xyz>

## Education

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**Massachusetts Institute of Technology**

EXPECTED JUN 2023

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

## Skills

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**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

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**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

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### Gold Medals:

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|---|----------|
| • 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

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### 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.