

Martin Ristovski



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EDUCATION

- 2019 – 2023 **Columbia University**
New York, NY
BA, Computer Science
GPA: 3.82/4.00
JOHN JAY SCHOLAR, DEAN'S LIST, MARK & ANLA
CHENG KINGDON FUND SCHOLARSHIP RECIPIENT
- Courses:
- Math: Accelerated Multivariable Calculus, Linear Algebra.
 - Physics: Accelerated Physics I & II.
 - CS: Introduction to Computer Science and Programming, Data Structures, Advanced Programming.
- Currently Taking: Fundamentals of Computer Systems, Introduction to Databases, Discrete Mathematics.
- Online Courses:
- MIT - Introduction to Computational Thinking and Data Science
 - MIT - Introduction to Algorithms
- Student Organizations:
- Society of Physics Students
 - May 2020 - Present Secretary
 - Sep 2019 - May 2020 Member
- 2015 – 2019 **Yahya Kemal College**
Skopje, North Macedonia
High School, Natural Sciences
GPA: 5.00/5.00
- 2017, 2018, 2019 International Physics Olympiad
2017, 2018 European Physics Olympiad

PROJECTS

- ReopenCU Client for Android** AUG 2020
Made Android app for the daily symptom self-checker for Columbia students living on campus during 2020-21. (Flutter, Dart)
- Snake Game** AUG 2020
Made simple CLI snake game. (Python, curses)
github.com/martinristovski/snake
- Pong AI** AUG 2020
Made and trained neural network to play pong. (Python, OpenAI Gym)
github.com/martinristovski/pong-player
- A* Visualizer** JUL 2020
A* path finding algorithm visualizer. (Python, PyGame)
github.com/martinristovski/a-star-visualization

EXPERIENCE

- JUN 2020 – PRESENT
Youth Accelerator Macedonia
Cofounder
Cofounded and run an international mentoring program to assist high schoolers from North Macedonia in applying to universities abroad, and to assist undergraduates at top universities in the US and Europe with career preparation and personalized guidance.
- JUL 2020 – PRESENT
Self-employed
Computer Science Tutor
Teach incoming Columbia students introductory computer science and programming in Java and Python, use of version control, Linux, and Vim.
- JUN 2020 - AUG 2020
Columbia University
Research Assistant
Worked under Prof. Georgia Karagiorgi in the Columbia neutrino group. Optimized clustering algorithm for finding Michel electrons.
- AUG 2020 – DEC 2020
JAN 2019 – AUG 2019
School of the Future
Head and Founder of Physics Department
Led the physics department and prepared high schoolers for international physics olympiads.
- SEP 2016 – JAN 2019
Yahya Kemal College
Physics Olympiad Tutor
Prepared high schoolers for national and international physics olympiads. Grew the program from 3 to 16 students.

- OCT 2018 – NOV 2018
The Society of Physicists of Macedonia
IJSO Tutor
Helped prepare the Macedonian team for the International Junior Science Olympiad, where they won 3 bronze medals.
- MAY 2018 – JUN 2018
FK Kamenica Sasa
Web Developer
Made website for local professional soccer club. fkamenica-sasa.mk

LANGUAGES

- PROGRAMMING Java, Python, C, Bash, HTML & CSS, LaTeX
- NATURAL English, Macedonian, German