

Martin Ristovski



martin.ristovski@columbia.edu
github.com/martinristovski
[linkedin.com/in/martin-ristovski/](https://www.linkedin.com/in/martin-ristovski/)

929-260-5456
ristovski.xyz

RESEARCH

JUN 2020 - PRESENT

Columbia University *Research Assistant*

Work under Professor Georgia Karagiorgi in the Columbia neutrino physics group. Optimized clustering algorithm for finding muon decay events in ProtoDUNE.

PROJECTS

JUL 2020

A Visualizer*

Made A* path finding algorithm visualizer using Python and PyGame. github.com/martinristovski/a-star-visualization

EDUCATION

2019 - 2023

Bachelor of Arts

GPA: 3.91/4.00

Computer Science and Physics

Columbia University in the City of New York

JOHN JAY SCHOLAR, DEAN'S LIST, KINGDON FUND SCHOLARSHIP RECIPIENT

Courses:

Math: Accelerated Multivariable Calculus,
Linear Algebra

Physics: Accelerated Physics I,
Accelerated Physics II

CS: Introduction to Computer Science and
Programming in Java.

Student Organizations:

Society of Physics Students

May 2020 - Present	Secretary
Sep 2019 - May 2020	Member

2015 - 2019

High School

GPA: 5.00/5.00

Natural Sciences

Yahya Kemal College, Skopje, North Macedonia

2017, 2018, 2019 International Physics Olympiad
2017, 2018 European Physics Olympiad

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 - AUG 2020

Self-employed *Computer Science Tutor*

Taught incoming Columbia students introductory computer science, programming in Java, use of version control and Linux.

JAN 2019 - AUG 2019

School of the Future *Head and Founder of Physics Department*

Lead the physics department and taught high schoolers in preparation 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*

Held physics and math lessons for the Macedonian team for the 2018 International Junior Science Olympiad, where they went on to win 3 bronze medals.

MAY 2018 - JUN 2018

FK Kamenica Sasa *Web Developer*

Made website for local professional soccer club with over 100,000 visits. fkamenica-sasa.mk

LANGUAGES

PROGRAMMING Java, Python, C++, Bash, HTML, CSS, LaTeX

NATURAL English, Macedonian, German