

Martin Ristovski



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RESEARCH

CURRENT, FROM JUN 2020

Columbia University *Research Assistant*

Work as part of the neutrino physics group under Professor Georgia Karagiorgi. Primarily concerned with developing algorithms for finding muon decay events in MicroBooNE.

EDUCATION

2019 – 2023 Bachelor of Arts

GPA: 3.91/4.00

Physics and Computer Science

Columbia University in the City of New York

JOHN JAY SCHOLAR,

MARK & ANLA C. KINGDON FUND SCHOLARSHIP RECIPIENT,
DEAN'S LIST

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 |
- Undergraduate Math Society
- | | |
|--------------------|--------|
| Jun 2020 - Present | Member |
|--------------------|--------|
- SPECTRA
- | | |
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| Sep 2019 - Present | Member |
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2015 – 2019 High School

GPA: 5.00/5.00, HIGHEST HONOURS

Natural Sciences

Yahya Kemal College, Skopje, North Macedonia

TEACHING

JAN 2019 – AUG 2019

School of the Future

Head and Founder of Physics Department

Lead and managed the physics department and held extensive lectures with promising high schoolers in preparation for national and international physics olympiads.

OCT 2018 – NOV 2018

The Society of Physicists of Macedonia

IJSO Tutor

Helped prepare the Macedonian team for the 2018 International Junior Science Olympiad, which went on to win 3 bronze medals, by holding physics and mathematics lessons at the Faculty of Mathematics and Natural Sciences in Skopje.

SEP 2016 – JAN 2019

Yahya Kemal College

Physics Olympiad Tutor

Held extensive weekly lectures and tutoring sessions with promising high schoolers for national and international physics olympiads. Grew the tutoring program from 3 to 16 students.

COMPUTER SKILLS

LANGUAGES Java, Python, Bash, HTML, CSS,
LaTeX

SOFTWARE Linux (Ubuntu, Arch Linux), Git,
Vim, Microsoft Office

LANGUAGES

FULL PROFICIENCY English, Macedonian

LIMITED PROFICIENCY German, Bulgarian, Turkish

OLYMPIADS

2017, 2018, 2019 International Physics Olympiad

2017, 2018 European Physics Olympiad

CONFERENCES

JUN-JUL 2020 XXIX International Conference on
Neutrino Physics and Astrophysics

JUN 2020 51st Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics