

# Martin Ristovski

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## RESEARCH

CURRENT, FROM JUN 2020

### Columbia University *Undergraduate 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 ProtoDUNE and SBND.

## 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

Sep 2019 - Present Member

### 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, 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