Martin Ristovski

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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, MARK & ANLA
CHENG 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

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

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. fkkamenica-sasa.mk

LANGUAGES

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