Martin Ristovski

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EDUCATION

2019 – 2023 **Columbia University**
New York, NY
BA, Computer Science
GPA: 3.91/4.00
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. fkkamenica-sasa.mk

LANGUAGES

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

NATURAL   English, Macedonian, German