

# Martin Ristovski



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## EDUCATION

- 2019 – 2023 **Columbia University**  
*New York, NY*  
BA, Computer Science  
GPA: 3.67/4.00  
JOHN JAY SCHOLAR, DEAN'S LIST, MARK & ANLA  
CHENG KINGDON FUND SCHOLARSHIP RECIPIENT
- Courses Taken:  
Data Structures, Discrete Mathematics,  
Advanced Programming, Intro to Databases,  
Fundamentals of Computer Systems,  
Artificial Intelligence, Natural Language Processing.
- Currently Taking:  
Computer Science Theory, Security I,  
Engineering Software as a Service.
- Online Courses (MIT):  
Introduction to Computational Thinking  
and Data Science, Intro to Algorithms,  
Intro to Deep Learning
- 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

- Course Registration Platform** FEB 2021 – APR 2021  
Built course registration management platform as part of my intro to databases class, with a PostgreSQL backend and a Flask-based web frontend.
- 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](https://github.com/martinristovski/snake)
- Pong AI** AUG 2020  
Made and trained neural network to play pong. (Python, OpenAI Gym)  
[github.com/martinristovski/pong-player](https://github.com/martinristovski/pong-player)

## EXPERIENCE

- JUN 2021 – PRESENT  
Hypefive  
**Software Engineering Intern**  
Write code for early stage fitness startup, developing a cross platform mobile app using Dart and Flutter, and a React-based website.
- JUN 2020 – PRESENT  
Youth Accelerator Macedonia  
**Cofounder**  
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, with multiple Ivy admits in our first year.
- JUL 2020 – PRESENT  
Self-employed  
**Computer Science Tutor**  
Teach incoming Columbia students introductory computer science, data structures & algorithms, use of version control, etc.
- JUN 2020 – AUG 2020  
Columbia University  
**Research Assistant - Software Engineer**  
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  
Physicists' Society of Macedonia & Yahya Kemal College  
**Physics Olympiad Tutor**  
Prepared high schoolers for international physics olympiads, growing from 3 to 16 students. Prepared national team for 2018 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. [fkamenica-sasa.mk](https://fkamenica-sasa.mk)

## LANGUAGES

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