Martin Ristovski

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EDUCATION

2019 – 2023 **Columbia University**
New York, NY
BA, Computer Science
GPA: 3.53
JOHN JAY SCHOLAR, DEAN'S LIST, MARK & ANLA
CHENG KINGDON FUND SCHOLARSHIP RECIPIENT

Relevant Courses:
 Data Structures, Advanced Programming,
 Intro to Databases, Computer Science Theory,
 Artificial Intelligence, Natural Language
 Processing, Fundamentals of Computer Systems,
 Advanced Software Engineering,
 Engineering Software as a Service,
 Analysis of Algorithms.

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

L'Books   OCT 2021 – DEC 2021

Built a secondhand book marketplace, with a reputation system and
academic email verification, using Ruby on Rails and PostgreSQL.
Used behavior-driven design and test-driven development.

Form Hosting Service   OCT 2021 – DEC 2021

Built a form hosting service allows developers to save the form data
of their webpage in a secure environment and easily integrate it into
their own web apps. The base product was an API, and the project
had a rigorous test suite. (Python, Flask, MySQL)

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.

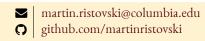**ReopenCU Client for Android**   AUG 2020

Made Android app for the daily COVID symptom self-checker for
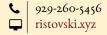Columbia students living on campus during 2020-21. (Flutter, Dart)

SKILLS

LANGUAGES Python, Java, C, SQL, Ruby, HTML, CSS

TOOLS Rails, Flask, PostgreSQL, MongoDB, Git,
Vim, Linux, Capybara, Cucumber, Postman

NAT. LANGUAGES English, Macedonian, German

EXPERIENCE

JAN 2022 – PRESENT

Annetta
Software Engineering Intern

· In progress

JUN 2021 – AUG 2021

Hypefive
Software Engineering Intern

· Built parts of Flutter frontend
· Refactored old API and built large portion of new API
· Set up build system for core product to allow for faster integration
testing
· Set up product management workflow for the entire company (in
Jira and Notion), which led to launch date forcasts moving up by
a quarter
· PM workflow and build system resulted in onboarding time for
new hires being cut in half

JUN 2020 - AUG 2020

Columbia University
Software Engineering Intern

· Worked under Professor Georgia Karagiorgi on neutrino research
as part of the High Energy Physics group at Columbia
· Used CERN's ROOT C++ framework to analyze data gathered
by the MicroBooNE detector at Fermilab and the ProtoDUNE
detector at CERN
· Optimized clustering algorithm for finding Michel electrons in
muon decay events
· Wrote code that will end up being used for real-time neutrino de-
tection at the Deep Underground Neutrino Experiment, an 800
mile long detector with a data throughput rate on the order of
terabytes per second

JUN 2020 – PRESENT

Self-employed
Computer Science Tutor

· Teach first-year and incoming students at Columbia introductory
computer science and software engineering
· Focus on data structures and algorithms, as well as an introduc-
tion to version control, testing, and other parts of the SWE work-
flow

MAY 2018 – JUN 2018

FK Kamenica Sasa
Web Developer

· Made website for local professional soccer club