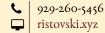
## Martin Ristovski

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#### **EDUCATION**

2019 – 2023

#### Columbia University

New York, NY BA, Computer Science GPA: 3.58

John Jay Scholar, dean's list, mark & anla Cheng Kingdon fund Scholar ship 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 202I - DEC 202I

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 202I - DEC 202I

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**

MAY 2022 - PRESENT

#### BetterMeet

## **Software Engineering Intern**

• In progress. Ends August 2022.

JAN 2022 - MAY 2022

#### Annetta

#### **Software Engineering Intern**

- Wrote major extensions to both the API and the back-end service of the product (real estate portfolio optimization software)
- Implemented AWS S3-based user file storage system
- Aligned initial codebase to MVC design pattern
- · Wrote documentation to reduce future onboarding time

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 detection 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 introduction to version control, testing, and other parts of the SWE workflow