Martin Ristovski

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EDUCATION

2019 – 2023   **Columbia University** – *New York, NY*
BA, Computer Science – GPA: 3.59
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

EXPERIENCE

BetterMeet - Software Engineering Intern   MAY 2022 – PRESENT
- In progress. Ends August 2022.

Managirr - Software Engineering Intern   JAN 2022 – MAY 2022
- 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 legacy code to MVC design pattern and wrote documentation to reduce future onboarding time

Hypefive - Software Engineering Intern   JUN 2021 – AUG 2021
- 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 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

Columbia University - Software Engineering Intern   JUN 2020 - AUG 2020
- 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 Fermilab's MicroBooNE detector and CERN's ProtoDUNE detector
- 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

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.