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, Parallel Functional Programming, Distributed Systems.

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 – AUG 2022

- Built backend and API for meeting analytics browser extension
- Built event labeling system, allowing users to tag Google Calendar events
- Set up build system and handled cloud deployment of the back-end
- Implemented overnight code review to take advantage of time zone differences, cutting feedback loop length in half

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 to improve performance and wrote 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 forecasts 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 - used book marketplace with reputation system and .edu email verification. (Ruby on Rails, PostgreSQL)

Form Hosting Service - API that allows developers to store form responses from their own web apps. (Python, Flask, MySQL)

Course Registration Platform - course registration with additional features (e.g. slot swapping). (Python, Flask, PostgreSQL)

SKILLS

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

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