Martin Ristovski

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EDUCATION

2019 – 2023 **Columbia University** – *New York, NY*
BA, Computer Science – GPA: 3.6

EXPERIENCE

Kensho - Incoming Software Engineer   STARTING JUL 2023

BetterMeet - Software Engineering Intern   MAY 2022 – AUG 2022
- Built backend and API for meeting analytics browser extension that hooks into Google Calendar and Google Meet
- Implemented event tagging system, setting the groundwork for the product's core value proposition
- Included direct user feedback in analytics by implementing post-meeting survey screen and data gathering
- Set up build system and handled cloud deployment of the backend
- Cut feedback loop length in half by implementing overnight code review to take advantage of time zone differences between engineers

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)
- Optimized business logic performance by eliminating duplicate computation and minimizing the number of API calls
- Implemented personal user file and template file storage by developing an AWS S3-based user file storage system
- Enabled users to get long-term financial insights into their portfolio by designing and building financial data screen
- Reduced future onboarding time by aligning legacy code to MVC design pattern and writing documentation

Hypefive - Software Engineering Intern   JUN 2021 – AUG 2021
- Built parts of frontend for cross-platform mobile app using Flutter
- Redesigned APIs for improved performance and maintainability relative to existing API approach
- Accelerated testing by setting up a build system for the core product
- Moved launch forecasts up by a quarter by setting up an efficient product management workflow for the entire company
- 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
- Analyzed data gathered by Fermilab's MicroBooNE detector and CERN's ProtoDUNE detector using CERN's ROOT C++ framework
- 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

AWARDS AND RECOGNITION

Dean's List - given in recognition of high GPA at Columbia University

John Jay Scholar - given to 30 members of each incoming class of Columbia College for outstanding intellectual ability and leadership

International Physics Olympiad (2017, 2018, 2019) - represented my home country at the world's most prestigious physics competition

European Physics Olympiad (2017, 2018) - represented my home country at Europe's most prestigious physics competition

PROJECTS

L'Books - Developed a second-hand book marketplace with a seller reputation system, .edu email verification, and advanced search filters, allowing students to find books for their classes through a centralized marketplace with trusted sellers. (Ruby on Rails, PostgreSQL)

Course Registration Platform - Built a proposed improvement upon Columbia's current course registration system, including a number of additional features, such as: slot swapping between students, information about membership in student organizations, enrollment prerequisite checks, and instructor reviews. (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