Anastasija Tortevska

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EDUCATION

2020 – 2024	**Columbia University** – *New York, NY* BA, Computer Science – GPA: 3.62

Relevant Courses:
  Computer Science Theory, Artificial Intelligence, Natural Language Processing, Analysis of Algorithms,
  Computational Complexity, Parallel Functional Programing, Fundamentals of Computer Systems.

Student Organizations:
  President of the Columbia University Goju-Ryu Karate Club.

EXPERIENCE

Of All Trades - Software Engineering Intern   MAY 2022 – AUG 2022
- Increased user profile customization by implementing numerous additions to the profile page
- Allowed users to get an overview of their asset distribution across cryptocurrencies and other categories by implementing necessary additions to the SQL database schema and user-facing visualization through an interactive chart that I designed
- Improved overall website performance by making changes to database schema design and optimizing SQL queries in API calls
- Implemented overnight code review to take advantage of time zone differences, cutting feedback loop length in half

Columbia University - Teaching Assistant   JAN 2022 – PRESENT
- Worked as a teaching assistant for Prof. Ansaf Salleb-Aouissi's COMS W3203 Discrete Math in Spring 2022 and Prof. Tal Malkin's COMS W3261 Computer Science Theory in Fall 2022
- Held office hours, organized recitations, graded homework, proctored exams, and helped students with a class size of 150-300
- Debugged code and guided to clean, working code given in python-based problem sets on discrete and combinatorial problems

Opal Wearables - Software Engineering Intern   JAN 2022 – MAY 2022
- Built reusable front-end user interface components, screens, and features using React Native for the cross-platform mobile app
- Designed core user flows and later implemented them in the app
- Accelerated registration by building social media account support into the sign up flow
- Increased user retention by optimizing page navigation and structure of personal information and preferences settings

Gyneca - Lead Web Developer   OCT 2021 - JAN 2022
- Developed and maintained the official website for the Columbia Undergraduate Journal of Gynecology and Women's Health – Gyneca – the university's leading student-run women's health magazine
- Designed and optimized website navigation and structure of various pages
- Oversaw a team of 4 developers and designers, set up and managed the team's PM workflow to maximize parallel work
- Sped up launch forecasts by several months by implementing Agile-based development process

OLYMPIADS

International Mathematics Olympiad 2019 - Participant	Balkan Math Olympiad 2019 - Participant
European Girls Math Olympiad 2018 - 2020 - Bronze, 2x HM	Asian-Pacific Math Olympiad 2018 - HM
Mediterranean Math Olympiad 2018 - 2019 - Bronze, HM	European Math Cup 2017 - 2018 - Gold, Bronze
Iranian Geometry Olympiad 2017 - 2018 - 2x HM	Macedonian Math Olympiad 2017 - 2019 - 2x Silver, Bronze

PROJECTS

Island Map Generator - Generates a topographical map consisting of randomized chunks of land in water using Perlin Noise to imitate the gradient for relief features. (Python)

Wikiholic - Sends user random Wikipedia articles on random user-defined schedule, by randomly choosing an article and converting it to an email format. This idea had started out as a joke. (Python)

SKILLS

LANGUAGES	Python, Java, C, HTML, CSS, JavaScript, Bash, LaTeX
TOOLS	Figma, React, React Native, Flask, Django, Git, Vim, Linux