



# Anastasija Tortevska

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## EDUCATION

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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

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### 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 Salieb-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

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International Mathematics Olympiad 2019 - Participant  
European Girls Math Olympiad 2018 - 2020 - Bronze, 2x HM  
Mediterranean Math Olympiad 2018 - 2019 - Bronze, HM  
Iranian Geometry Olympiad 2017 - 2018 - 2x HM

Balkan Math Olympiad 2019 - Participant  
Asian-Pacific Math Olympiad 2018 - HM  
European Math Cup 2017 - 2018 - Gold, Bronze  
Macedonian Math Olympiad 2017 - 2019 - 2x Silver, Bronze

## PROJECTS

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**Island Map Generator** - Generates a map of islands using Perlin Noise (Python)

**Wikiholic** - Sends user random Wikipedia articles (Python)

## SKILLS

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LANGUAGES    Python, Java, C, HTML, CSS, JavaScript, Bash, LaTeX

TOOLS    Figma, React, React Native, Flask, Django, Git, Vim, Linux