

Mariya Turetska

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Personal Website: <https://mariyatur27.github.io/Personal-Website/>

GitHub: <https://github.com/mariyatur27>

Tools / Skills: Fullstack Development, Web Development, APIs, Git, Linux, Unix, Testing, Quality Assurance

Languages / Frameworks: JavaScript, TypeScript, React, Node.JS, Express.JS, Python, Django, Flask, Java, C, C++, HTML, CSS

EDUCATION

Software Engineering Honours, Co-Op
University of Waterloo, Ontario
Excellent Academic Standing
GPA: 3.7

AWARDS & HONOURS

- President's Scholarship of Distinction (\$2,500)
- Umra Vati Goyal Scholarship (\$5,000)
- Waterloo Wellington Engineering Fair Scholarship (\$2,000)
- Toronto Transportation Club Scholarship (\$8,000)
- University of Toronto National Scholarship Winner (\$100k)

EXTRACURRICULARS

Waterloop Design Team, 2023 - Now
Waterloo Engineering Society, 2023 - Now
Women in Computer Science, 2023 - Now

WORK EXPERIENCE

Intern Junior Developer - Fearless+

Apr 2022 - May 2023

- Developed and maintained organization's website using **JavaScript**, **CSS**, **HTML** and **JSON** in **WordPress** framework.
- **Designed, tested and evaluated** the frontend and backend of the web application that was created for **over 300** users to help users find job and volunteer opportunities.
- Collaborated with the product manager and engineers to develop business requirements documents for proposed designs and code.
- Validated the **quality** of the product by creating quality measurements to track improvements in the product.
- Created **testing suites** for senior engineers to test the backend and frontend of the web application.

Web Developer - Pangea

Jan 2022 - Sep 2022

- Worked with clients from **over 5** industries and developed web products, such as **e-commerce, booking and personal websites**, for their specific demands.
- Designed and created scalable web applications using **React**, **Express.JS** and **Node.JS** technologies.
- Used **Stripe** and **Commerce.js** to design and build scalable and functional **e-commerce** platforms for clients
- Created weekly presentations on the updates and new features created for the product.
- Helped **host** and **maintain** the final product after its completion.

Computer Science Tutor

Aug 2021 - Aug 2023

- Tutored students from grades 4 to 8 in programming languages like **JavaScript**, **Python** and **Java**.
- Prepared lesson plans and learning modules for tutoring sessions according to student's needs and goals.
- Organized and ran virtual computer science summer camps for **over 110** students in Canada.
- Helped **over 30 students** learn the basics of web development and algorithmic programming.

FEATURED PROJECTS

AI Chat • Node JS | API | Cohere • <https://github.com/mariyatur27/AI-Chat>

I developed a web application that generates an answer to any of the user's questions. AI chat uses Cohere API to generate answers to users' questions and generate question prompts for users to use. I used Node and Express JS to handle all the communications between the backend and frontend, and HTML/CSS and JS to create the frontend.

Task Organizer • Node JS | User Authentication • <https://github.com/mariyatur27/Task-Organizer>

I built a full-stack web application that tracks all of the user's tasks, their deadlines and their completion status. Task Organizer is built in Node JS and it allows the users to create accounts, and access their personalized dashboards where they can add tasks that need to be done. All data is stored in a JSON file, and the file is updated anytime changes are made.

Agora • Node JS | API | Spotify | Cohere • <https://github.com/mariyatur27/Task-Organizer>

I developed a web application that makes music artist recommendations based on what the user is currently reading. The algorithm analyzes the mood of the inputted text, Cohere API is used to generate the artist's name suggestion that aligns with the mood of the text, and Spotify API is used to output various songs by the recommended artist on the screen, which the user can access and play on the same page.

References are available upon request.