Mariya Turetska

+1 (226) 881-2473 · mturetsk@uwaterloo.ca · https://www.linkedin.com/in/mariya-turetska-36901a1b0/
Personal Website: https://mariyatur27.github.io/Personal-Website/
GitHub: https://github.com/mariyatur27

Tools / Skills: Fullstack Development, APIs, Data Analysis, Docker, Git, Linux, Unix, Agile Development, Testing, Quality Assurance
Languages / Frameworks: TypeScript, Next.JS, SQL, 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

EXTRACURRICULARS
VP of Sponsorship at Women in Engineering, 2024 - Now
Undergradute Research Assistant, 2024 - Now
Waterloop Design Team, 2023 - Now
Waterloo Engineering Society, 2023 - Now

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)
- CP Rail Scholarship ($1,000)
- University of Toronto National Scholarship Winner ($100k)

WORK EXPERIENCE

Fullstack Web Developer - Health Network (UHN)   **May 2024 - August 2024**

- Designed, developed and maintained the organization's web applications in numerous frameworks and languages, such as **Next.JS, Typescript, React, JavaScript/HTML/CSS and PHP**.
- Created **APIs** and scripts to **automate** the migration process of **1300+** articles from the old UHN intranet website.
- Created and enhanced **data-fetching scripts** and **generated JSON databases** that improved the efficiency and simplicity of maintaining up-to-date content for **7+** of the organization's projects.
- Worked on **dotCMS backend server** to improve and restructure the applications' components and data containers.
- Created and improved **RESTful APIs** to enhance **UX** by efficiently gathering and working with user information.

Intern Junior Developer - Fearless+   **Apr 2022 - May 2023**

- Developed and maintained organization's website using **JavaSciprt, 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.

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

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.