

Atishaya Maharjan

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EDUCATION AND AWARDS

BSc. in Computer Science & Mathematics, Minor in Statistics

University of Manitoba

Winnipeg, Manitoba

Aug. 2022 - Present

International Undergraduate Student Scholarship | University of Manitoba

Dean's honour roll | University of Manitoba

EXPERIENCE

Senior Frontend Developer

LG Electronics

March. 2024 – Present

New Jersey, USA (Remote)

- Maintaining and creating new features in microservices for **LG US** using **Next.js** and **Redux** with **TypeScript**.
- Extensively using tagging frameworks to properly measure user interactions to make informed business decisions.

Senior Frontend Developer

Timeero

Aug. 2019 – April. 2024

Phoenix, Arizona, USA (Remote)

- Designed and maintained a mileage tracking web application using **TypeScript**, **React.js**, **Vite**, **React Query**, **Mapbox**, **Bootstrap**, **Chakra UI**, and **Sass**.

Frontend Developer

Trackfly

September 2023 - January 2024

Sandy, Utah, USA (Remote)

- Used **Figma** to design and prototype website components and pages for data visualization following industry UI/UX standards
- Migrated **React.js** from the **Frappe** monolithic architecture to a standard microservice architecture connected it to a **Django** backend.

Frontend Developer

Versured

Nov. 2021 – Oct 2022

Salt Lake, Utah, USA (Remote)

- Developed and maintained a **Next.js** insurance web application which used **Redux** for state management.
- Created an independent React application that was hosted in the subdomain connected to the **Next.js** marketing site which involved a fully functional customer portal. Used **Chakra UI**, **Zustand**, **React Query**, and **TypeScript**.

PROJECTS

Undergraduate Student Researcher Award | Theoretical Computer Science

January 2024 – Present

- Working on the project "FPT Optimization for minimizing interference in a 1D network" mentored by Dr. Stephane Durocher.

MXML Project | Graph theory

January 2024 – Present

- Working on the project "ON STARS IN TREES AND STRONGLY REGULAR GRAPHS" mentored by Dr. Mahsa Nasrollahishirazi to publish a journal paper.
- Focusing on full binary trees to understand if they satisfy the Hurlbert and Kamat's Conjecture or not.

Brachistochrone Trajectory | Python, Numpy, Matplotlib, SciPy

January 2021 – November 2022

- Approximated the brachistochrone trajectory using Bezier curves and visualized data results to find out the average time taken on the trajectory route.

VOLUNTEER EXPERIENCE

Events Executive | .devClub

August 2023 – July 2024

- Organize various events such as workshops, exam crams, hackathons, and battle snakes for Computer Science Students at the University of Manitoba along with other executives of .devClub

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Java, Python, C/C++, R, SageMath, BASH

Frameworks: ReactJS, NextJS, AstroJS

Developer Tools: Git, Neovim, Tmux, Docker, VS Code, IntelliJ

UI Tools: Figma, Adobe XD, Adobe Illustrator