

EDUCATION

University of Waterloo • Bachelor of Mathematics 2020 - 2025
Joint Honours in Combinatorics & Optimization and Statistics, Minor in Cognitive Science

SKILLS

Design | Prototyping, Wireframing, User Research, Product Strategy, Visual Design, Figma

Languages | JavaScript, TypeScript, R, SQL, Python, Bash, HTML/CSS

Tools & Frameworks | React, Node.js, Next.js, MongoDB, Git, BitBucket, Jira, Docker

EXPERIENCES

Onc.AI • Software Developer SEPT - DEC 2023

- Drove the end-to-end development of a **Dockerized Python** application that forecasts patient biomarker outcomes, including project roadmapping, code implementation, and technical documentation
- Collaborated with fellow engineers and researchers at Harvard to establish feature prioritization and timeline, ensuring clear alignment between business and technical objectives
- Actively managed **Jira** boards and backlogs to promptly deliver software enhancements and ensure seamless collaboration within the team

Rondeivu • Product Designer JAN - APR 2023

- Iterated on the hi-fidelity wireframe in **Figma** and spearheaded A/B testing which resulted in optimized platform reliability to prepare for a successful inaugural launch
- Maintained clear communication with various stakeholders to scope **2** new features which prioritized usability and technical feasibility

Perspect Analytics • Software Developer MAY - AUG 2022

- Leveraged **BitBucket** to prioritize and execute ticket-based tasks in a **TypeScript** codebase, resulting in efficient development cycles
- Cooperated closely with the product manager to refine frontend functionalities, resulting in a **13%** improvement in data retrieval speed for enhanced client navigation

eButterfly • Frontend Developer SEPT - DEC 2021

- Owned the migration of the frontend codebase from Angular to **React, TypeScript**, and **Next.JS**, resulting in a **30%** improvement in site performance and **25%** increase in site maintainability
- Initiated the redesign and development of UI component libraries to advocate for visual consistency and increased accessibility across the user interface

EXTRACURRICULAR

Data Science Club • VP of Design SEPT 2022 - PRESENT

- Directed a team of **10** designers in creating promotional material for various club initiatives, resulting in a **28%** increase in club membership and a **54%** boost in social media engagement

UW UX • DEI Lead SEPT 2022 - APR 2023

- Orchestrated events to advocate for awareness around the importance of social impact in design, gathering **50+** attendees in the first in-person events

TechNova • Design Lead APR - AUG 2022

- Led a team of 5 designers to innovate the branding for the inaugural event of UWaterloo's gender empowerment hackathon, amassing **550+** participants
- Actively applied Agile techniques like sprint planning and Kanban boards to maximize designer efficiency, streamline cross-team communication, and ensure transparency in project progress