Brian Zhu

✉ b26zhu@uwaterloo.ca   📞 (647) 212-6338   ✦ brianzhu31.github.io   💼 brian-zhu   ⊙ brianzhu31

Skills

Languages: JavaScript, Typescript, Python, C++, HTML, CSS

Tools/Frameworks: React.js, Node.js, Next.js, PostgreSQL, MongoDB, Git, GitHub, Visual Studio Code

Experience

Full Stack Developer, *N American Sunshine Inc.*   Kansas City, KS | 10/2022 - 12/2023

- Worked remotely as the sole web developer of an e-commerce website for a trading company based in Kansas
- Designed and implemented a fully responsive front-end interface
- Integrated essential e-commerce features such as product catalog, shopping cart, checkout process, and secure payment gateways

Freelance Math Tutor   Toronto, ON | 06/2023 – 09/2023

- Tutored over 20 students online and in-person across the world
- Taught concepts ranging from middle school algebra to high school calculus and contest mathematics

Projects

nasunshine.com ↗

- E-commerce website for *N American Sunshine Inc.*
- Fully responsive front-end interface built with **Next.js**, **CSS**, and various styled component libraries
- Integrated payment processing and cart management using **Snipcart API** and **Stripe API**
- Utilized **Sanity.io** as a backend content management system to store, manage, and retrieve products

NBA Clutch Time Notifier ↗

- Google chrome extension that notifies users whenever the score becomes close during live NBA games
- A solution for basketball fans experiencing time constraints, ensuring they catch the thrilling endings of close NBA games without needing to watch the entire match
- Users have the option to follow specific teams and select parameters that control their notifications
- Built with **HTML**, **CSS**, and **JavaScript**
- Utilizes **ESPN API** to gather live game data and **Chrome Storage API** to store user input values

Awards and Certificates

2023 Euclid Mathematics Contest Honor Roll   06/2023

- Score: 86 (Top 1.5%)

International Baccalaureate Diploma *Milliken Mills High School*   08/2023

Education

Bachelor of Computer Science, *University of Waterloo*   2023 – 2028 | Waterloo, Canada

- Mathematics National Scholarship ($12,000)