Sushrut Dhakal

G sushrut.dhakal@gmail.com | in linkedin.com/in/sushrut-dhakal | ⊙ [https:sushrutdhakal.github.io/Personal-Portfolio/](https://sushrutdhakal.github.io/Personal-Portfolio/)

Education

University of Waterloo September 2023 - 2028

Bachelor of Honours Mathematics, Intended Computer Science

Experience

Full-Stack Developer Intern: *Project Lead* May 2022 – September 2022

STEM-AWAY
- Committed to **Discourse,** an open-source project with **800+** committers
- Led the project, managing 5 other interns to create a plugin with **150+ users**
- Integrated an advanced plugin using **JavaScript, Handlebars, Ruby on Rails, and CSS**

Coding and Game Theory Intern April 2022 – July 2022

TAC Sports − LSA Academy
- Monitored the main website of TAC Sports, optimizing loading time performance by **150%**
- Taught over **150** students **Scratch, Python, ReactJS, HTML, and TailwindCSS** for over **40 hours** a week
- Organized and led a group of **10 staff members** in the LSA branch

Peer Tutoring October 2021 – June 2023

SATEC @ W.A Porter
- Collaborated in meetings with other tutors and teachers
- Assisted students with their assignments, homework, and learning strategies
- Educated **200+ high school students** in Mathematics, Computer Science, English, and Science

Projects

Note Taking Plugin | *Discourse, HandlebarsJS, Ruby on Rails, JavaScript, CSS* ⊙ ○
- Discourse plugin creating a branch from the admin page for users to add personalized notes, tasks, and timers
- Led and managed a team of **5 members** to deploy the **App Design Process**
- Implemented a **HandlebarsJS** server to **scrape** website design template from Discourse, **Ruby on Rails** with **JavaScript** to connect **server-side applications** and **SCSS** for styling

Weather Whenever | *WeatherAPI, Firebase, React, Chakra-UI, Figma* ⊙ ○
- A web app with an accessible design to produce weather details and help users plan weather appropriate outfits
- Developed a fast **RESTful API** using **React**, and **WeatherAPI** to display personalized outfits and weather details
- Implemented **server-side database** advanced user authentication system with **Firebase** to complete **CRUD** operations that has been used by **100+ users**

NimbleCoder | *Svelte, TypeScript, HTML, TailwindCSS, SQLite* ⊙ ○
- Developed a web app which has gained over **300 views** that allows for developers to practice typing code in a variety of different languages and time constraints
- Used **Svelte, HTML and, TailwindCSS** to build out the front-end developing a design for optimal eye focus, and **SQLite** to store typeable code
- Used **TypeScript** to perform **key pressed algorithm** and **file read algorithm**

Blisterine: The Laboratory | *Blender, Unity, Unity Web Store, C#, PixelArt Maker* ⊙ ○
- Blisterine is a single player top-down **2D unity** horror game with an adventure aspect
- Worked in a group with 2 other members to produce and deploy a full game with time constraints
- Implemented the **waterfall methodology** to effectively develop the game
- Used **Blender** and **PixelArt Maker** with **C#** code in **Unity** to create unique and original game models

Technical Skills

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

Frameworks: NodeJS, AJAX, React, Bootstrap, Bulma, APIs, Tailwind, Svelte, TypeScript

Databases: MongoDB, SQL-Injections, SQLite, MySQL