

NINA ZHANG

Waterloo, On · 4167992452

n23zhang@uwaterloo.ca · GitHub: <https://github.com/ninazhang04>

EXPERIENCE

2021/09– 2022/09

Marketing Team Leader (Volunteer), BEAVER WITH U

- Assigned projects and tasks to team members as per area of expertise.
- Participated in the design of the organization's website
- Ensured team goals are met before deadlines
- Mentored newly joined volunteers on how to promote the organization's social media accounts

PROJECTS

Beaver app (volunteer opportunity searching app)

- Android app that helps students, especially high school students with limited connections to find a volunteer opportunity.
- Utilized Google Firebase as a database for storing volunteer opportunities, and incorporated Firebase API to store user information (name, email) in a real-time database when the user registers or changes information.
- Implemented Apache POI to read and display opportunities stored on excel sheets.
- Allow users to receive emails about volunteer registration information using java mail api.

Music instrument sign-in/out project

- Desktop app with GUI interface that allows teachers to search for a specific student and check music instrument borrowing history
- App can read/write the sign-in and sign-out of music instruments in school on a file.
- Utilized object-oriented programming to allow teachers to search for a specific instrument and check the borrowing history of that instrument.

Balance (productivity chrome extension)

- Chrome extension made with JavaScript, HTML & CSS.
- Used chrome notifications and alarm API to remind users to take breaks.
- Allow users to customize break times.

Achtung! (Shooter game)

- Shooter game coded with Python and PyGame libraries.
- Utilized object-oriented programming and collision detection

SKILLS

- Java
- Python
- JavaScript
- Version Control Systems: Git, GitHub
- Android development
- Firebase

EDUCATION

University of Waterloo, Computer Science, 1A term
Pierre Elliot Trudeau High School, 2018-2022