

# LINDSAY XIE

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## EDUCATION

University of Waterloo | GPA: 3.8 | Year 1A  
Candidate for Bachelor of Computer Science

September 2023 – Present

## SKILLS

### Languages

Python, Java, JavaScript, CSS, HTML, PHP

### Tools

Git, Jira, Visual Studio Code, Figma, Scene Builder, React, Vue, JavaFX

## PROJECTS

### Hack the 6ix | Airate

August 2023

- Developed a website for real-time reporting and tracking of air quality status within a 36-hour time frame
- Used **Google Maps APIs** and **SDKs** with **PHP** and **Javascript** to incorporate essential geographical data and enhance the accuracy of air quality data
- Linked backend data in **MySQL** to frontend user experience written in **HTML** and **Javascript** for personalized experiences

### Future Business Leaders of America (FBLA) - Coding and Programming | Spirit Tracker

January 2023 – March 2023

- Led a team of three through the development of a desktop app aimed at fostering school spirit
- Designed the GUI using **Figma** and implemented UI/UX elements and interactive components objects using **JavaFX** and **CSS** with organized page layout
- Placed 6th at FBLA's Canadian National Leadership Conference for Coding and Programming

### Kindevs | Present Memories

February 2022 – April 2022

- Used **Renpy** to implement all the UI elements, including settings, buttons, and dialogue boxes of **30+ scenes** to enhance user immersion for a visual novel game with over **12,000+ downloads**
- Debugged **200+ lines of code** based on feedback from playtesters and assisted in English-to-Chinese text translation

## WORK EXPERIENCE

Darwynn Ltd

March 2023 – August 2023

### Intern Programmer

- Analyzed **over 20** third-party resources utilized by Darwynn on **Java** and **Vue.js** files and documented the resources with detailed information about price, sales associate contact, restrictions, limitations, copyright issues, and features
- Researched and identified alternative third-party APIs and Plugins to replace outdated resources, enhancing company operations by **at least 15%**
- Revised **50+ pages of legal documents**, including terms of services and privacy policies, utilizing templates and referencing multiple exterior e-commerce company documents

## VOLUNTEER EXPERIENCE

Hack the 6ix

November 2023 - Present

### Web Development Executive

- Developed a To-Do application using **React**, enhancing proficiency in React
- Tasked with implementing and managing the website for Hack the 6ix, one of the largest non-profit hackathons in Toronto

Hack the North

September 2023

### Volunteer

- Ensured the safety of **1,100 hackers** by security patrolling night shifts and registering incoming hackers for **5+ hours**
- Collaborated with **20+ volunteers** for **12+ hours** to ensure smooth operations of the biggest hackathon in Canada

Music Council

September 2021 – June 2023

### Vice-President/Outreach Pod Leader

- Organized the school's music department merchandise by continuously communicating with clothing merchandise and hosting design contests, resulting in **over 90 items sold** and substantial department funds raised
- Secured **12 sponsorships** for various music department events, contributing to department finances
- Demonstrated **strong communication skills** through weekly meetings with the Music Department head about upcoming events and possible improvements