Qianxu Guo

Seeking Summer 2023 Internships

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SKILLS

Programming Languages: Python, Processing, HTML/CSS, JavaScript, C++
Tools/Frameworks: Git, React Native, Android Studio, Figma

EXPERIENCE

Co-Founder & Developer, *Trash To-Go*   2019 - present
- Founded Trash To-Go, an app that rewards users for making eco-friendly decisions when dining out
- Designed and implemented the mobile app's UI with the help of React Native libaries
- Incorporated a database built with Amazon DynamoDB for storing member restaurant information, user profiles, accumulated points, and redemption statistics
- Pitched the concept to win first place at the Technovation Challenge and various other grants

Co-Lead, *JAMHacks*   2021 - 2022
- Led the team to plan its first hybrid event, raising $20,000+ in sponsorships
- Coordinated venue logistics, meals, workshops, and judging processes for 300+ attendees
- Adapted to unexpected situations regarding funding and venue availability
- Designed website layouts and social media assets using Canva and Figma

President, *LHSS DECA Chapter*   2021 - 2022
- Collaborated with advisors to oversee the operations of the biggest club at Laurel Heights S.S.
- Delegated tasks appropriately within the team and held members accountable for their responsibilities

Crew Member, *Dairy Queen Laurelwood*   2020 - 2022
- Applied a consumer-oriented mindset to discuss cake order instructions and resolve complaints
- Covered others' shifts with great flexibility, including ones with Shift Lead responsibilities

PROJECTS

MusicFlow, *Processing*
- Coded an interactive music software that allows users to produce their own orchestra performances
- Employed object-oriented principles to organize properties of soundtracks, instruments, and songs
- Created a simple GUI for switching an instrument on/off, adjusting volumes, rewinding, etc.

Algae Growth Cellular Automaton, *Processing*
- Coded a visual simulation of the algae growth process in a pond over time, including spore formation and reproduction, as temperatures and sun exposures fluctuate

EDUCATION

Bachelor of Software Engineering, *University of Waterloo*   2022 - present | Waterloo, Canada