SKYLAR JI

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🎓 Education

Bachelor of Computer Science, University of Waterloo   September 2022 - Present
- **Coursework:** Designing Functional Programs. Calculus 1 and Algebra for Honours Mathematics, Public Speaking
- **Involvements:** Tech+ Mentee, Joseph H. Lang Scholar, President's Scholar of Distinction
- **Skills:** Python (FastAPI), Java, HTML/CSS, React, SQL

💼 Experience

Innovation Developer - Summer Tech Labs, Royal Bank of Canada   July 2022 - August 2022
- Worked on Lightning Links, an internal secure **URL shortener** with seven other students in Technology & Operations using **React, FastAPI, and MariaDB,** projected to improve the experience for **85,000+ RBC employees.**
- Designed and improved the user interface as well as developed backend features with feedback from conducting **seven user interviews** with RBC employees under Technology & Operations.
- Successfully presented tasks accomplished and learnings from each week with three other students during weekly demonstration days, as well as a final project pitch in front of **six accomplished RBC executives.**
- Earned the **REDD award** during week four of the program and the **Best Creative Solutions award** at the end of the program.

Co-Founder and Website Developer, Waviolet   July 2020 - August 2020
- Led five members in creating and maintaining the startup whose mission is to provide UV-C light products for safe sanitation during the back-to-school season of the COVID-19 pandemic during BETA Camp, a 6-week-long entrepreneurship program.
- Created a company website using **HTML/CSS** and interviewed potential customers, resulting in **11** interested customers on the waiting list valued at **$7000**.
- Successfully executed a final pitch in front of two successful startup founders featured on Forbes and achieved the **Biggest Dreamers Award** during demonstration day.

💡 Projects

Animal Genie (Java)   September 2021 - January 2022
- Developed the frontend and backend for an AI strategy-based animal-guessing game using **Java** with two other students as part of the final Grade 12 Computer Science class project, inspired by the popular game Akinator.

👥 Leadership

Founder and President, United Under Arts Waterloo   April 2020 - Present
- Planned and organized three artistic events for the community, including donating **50+** senior wellness cards and featuring **10+** artists and organizations on social media.
- Designed creative Instagram posts on the organization and its events, resulting in a peak of **1000+** followers.
- Managed a group of **five** innovative and like-minded individuals in running the chapter as well as **80+** volunteers that assist with various events.

Opportunities and Content Executive, SVP Teens Waterloo   September 2020 - June 2022
- Obtained **two** gift and **100** bottle donations from cold outreaches and volunteered for Perfect Pitch, where local charities pitched for a donation.
- Helped market, evaluate and raise **over $10,000** over two years for various organizations with eight like-minded youth leaders.
- Edited a recruitment video resulting in **200** views and helped recruit a guest speaker from the House of Friendship to speak at the monthly meetings, resulting in **10** new members.