Skylar Ji

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Summary

I'm a grade 12 high school student attending Sir John A. Macdonald Secondary School in Waterloo, Ontario, Canada, in which I am involved with numerous extracurricular activities involving technology, science and the arts. In addition, I have started a student experience discussion-based club to be launched in the 2021-2022 school year.

I am also the founder and president of United Under Arts Waterloo, in which we provide arts opportunities to underserved communities. In addition, I'm an executive of SVP Teens, an organization that raises money throughout the year to donate to a charity in the Waterloo Region.

In my spare time, I like to write articles on medium about my own experiences and what I've learned from them with the goal of being relatable and showing all aspects of me as an individual.

In addition, I coded a website using HTML/CSS and am developing my skills in Python with the hopes of pursuing a career in Computer Science and design.

Finally, I attended two summer programs (Shad York and BETA Camp) in which I was able to meet a wide variety of like-minded individuals and was able to learn leadership, communication and self-development skills from these programs as well.

I'm always available to chat, so feel free to send me a message!

Experience

Medium and LinkedIn Creator

Medium

Jan 2021 - Present (1 year 3 months +)

As a creator, I write and digitally illustrate my unfiltered experiences as a high school student onto an online platform called Medium, gaining curation on one of my articles. I also write and publish posts on Linkedin, gaining over 150 reactions from viewers, which taught me both writing and critical thinking skills.

Laurier String Academy

Wilfrid Laurier University

Feb 2019 - Present (3 years 2 months +)

I dedicate two hours per week to attending private and group classes led by a music professor to improve my violin playing and to learn about music theory and practice individually for an hour each day. I also participate in concerts and events, offered feedback to younger musicians on their musicality and technique and led group exercises.

Founder - LEAP (Learning through Experiences And People)

Sir John A. Macdonald Secondary School

May 2021 - Present (11 months +)

LEAP (Learning through Experiences and People) is a self-development club focused on high-school students being provided with the opportunity to offer advice and share their experiences on navigating high school and post-secondary life.

As the founder, I successfully planned and pitched the club's importance in the school community to the administration. I also managed eight executives and advertised on social platforms. In addition, I helped recruit 40 members to join and actively participate in the club's meetings and events, making sure everyone's voice is amplified and heard.

Founder, President: Waterloo Chapter

United Under Arts

Apr 2020 - Present (2 years +)

• Planned and organized creative events to engage the community with the arts
• Designed creative Instagram posts about the organization
• Managed a group of innovative and like-minded individuals into running the chapter

Science Club Executive

Sir John A. Macdonald Secondary School

Jun 2020 - Present (1 year 10 months +)

Photography Club Executive

Sir John A. Macdonald Secondary School

Dec 2018 - Present (3 years 4 months +)

• Organized, tracked and planned weekly Photography challenges
• Planned fun and engaging events to high school students during club meetings
• Created Google Slides that reflected member achievements during the school year

Shad Fellow

Shad Canada

Jul 2021 - Jul 2021 (1 month)

• Participated in the York University campus
• Worked on a design project with seven other individuals on wastewater treatment and management and received the most innovative idea award at the end of the month

Ambassador

BETA Camp

Oct 2020 - Oct 2020 (1 month)

Alumni Leader

BETA Camp

Aug 2020 - Oct 2020 (3 months)

• Planned and organized events to engage the alumni community

• Stayed in direct contact with the camp directors and helped execute tasks when necessary

Valedictorian
BETA Camp
Aug 2020 - Aug 2020 (1 month)
• Represented the Summer 2020 cohort in front of Camp Staff, fellow campers and parents
• Prepared and delivered a speech and slideshow for the BETA Camp closing ceremony that reflected on the journey and key takeaways for the camp

Co-Founder
Waviolet
Jul 2020 - Aug 2020 (2 months)
Prepared and built a startup company named Waviolet during the 6-week-long program named BETA Camp from the ground up with five other team members. Waviolet, whose mission is to provide UV-C light products for safe sanitation during back-to-school season for the COVID-19 pandemic, achieved the Biggest Dreamers Award during Demo Day.

Full Stack Engineer
EyeTender
Jun 2020 - Aug 2020 (3 months)
Designed the front and back end of an eye relaxation app named EyeTender using Thunkable.

Summer 2020 Cohort Alumni
BETA Camp
Jun 2020 - Aug 2020 (3 months)
BETA Camp gives high school students the tools to become leaders in business, technology, and entrepreneurship by building their own startup from the ground up.

Campers will learn directly from industry professionals from leading companies and entrepreneurs at the forefront of innovation; and then take that knowledge and apply it immediately to their own businesses.

Education

Sir John A. Macdonald Secondary School
2018 - 2022
High school in Waterloo, ON, Canada.

Laurelwood Public School
2008 - 2018
Elementary school in Waterloo, ON, Canada.

Licenses & Certifications

Believe Leadership Course July 2020 Alumni Certification - Believe Initiative

Chapter Officer Certification of United Under Arts Inc. - United Under Arts

First Aid - St. John Ambulance, Kitchener-Waterloo Branch
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Service Excellence - OTEC - Workforce Innovation

Illuminate NHBC Attendee - Illuminate Universe Inc.
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Skills

Computer Science • Entrepreneurship • Graphic Design • Engineering • Project Management • Start-ups • Graphics • Nonprofit Organizations • Design • Editing

Honors & Awards

Academic Award - Peter Berndt
Jun 2018
Award given for the highest overall average in the grade for the grade 8 graduation ceremony.

Honour Roll - Grade 9
Nov 2019
Was invited to an Honour Roll ceremony for having one of the highest overall averages in the grade and earned three medals for highest average in individual courses (Geography (CGC1DI), Pre-AP Science (SNC1DW), Instrumental music (AMI1OI))

First Place in Life Sciences + Best Junior Environmental Project: STEM Comp 2020
Aug 2020
Awarded to the top project in the Life Sciences Category and the best Environmental Project in the Junior Category for STEM Comp 2020, which is Waterloo Region's largest high school STEM competition.

Worked under Plant Biology Professor at the University of Waterloo (Dr. Trevor Charles).

BETA Camp Summer 2020 Alumni, Top Startup Project Award and Valedictorian - Ivy Xu, Yifan Zhou
Aug 2020
Virtual 6-week program where bright high-school students across North America take part in a month of business, technology, and entrepreneurially-driven lectures, workshops, and startup design. Was the BETA Camp Summer 2020 valedictorian for outstanding leadership and conduct during the program,

was awarded the Biggest Dreamers award for the startup company named Waviolet, and is currently a BETA Camp Alumni Leader since September 2020.

DECA Ontario Regionals Top 20 (RFSM Event) - DECA Ontario
Dec 2020
Awarded to the top 20 competitors with the highest overall score in DECA Ontario's Regionals competition (with competitors from Ontario) in the event RFSM (Restaurant and Food Service Management).

DECA Ontario Provincials Top 21 Oral 2 (RFSM Event) - DECA Ontario
Feb 2021
Awarded to the top 21 competitors with the highest overall second case study score in DECA Ontario's Provincial competition (with competitors from Ontario) in the event RFSM (Restaurant and Food Service Management).

Canadian Senior Mathematics Contest - Group III (Top 1%) - The Centre for Education in Mathematics and Computing
Nov 2021
This award is given to the top 1% of participants (86 out of 9928 total participants) in grades 11/ 12 with the highest score. To achieve the award, I dedicated two hours a week studying topics beyond the school curriculum. I also practiced a few questions from previous contests each day, occasionally on a time limit. For the questions I answered incorrectly, I would note the question as well as the strategy that was used to solve the question to use for future contests.

Euclid Mathematics Contest - Group III Finisher (Top 0.5%) - The Centre for Education in Mathematics and Computing
Apr 2021
This award is given to the top 0.5% of high school students (83 out of 20507 total participants) with the highest score. To achieve the award, I dedicated two hours a week studying topics beyond the school curriculum. I also practiced a few questions from previous contests each day, occasionally on a time limit. For the questions I answered incorrectly, I would note the question as well as the strategy that was used to solve the question to use for future contests.

Exploring Mathematics and Computer Science Workshop (EMACS) Participant - The Centre for Education in Mathematics and Computing
Jun 2021
Attended the EMACS Workshop, which included mathematical-based problem solving, information about the undergraduate programs at the University of Waterloo in the Faculty of Mathematics, and an opportunity to make new friends with similar intellectual interests.

$1,000 Faculty of Mathematics Promissory Scholarship - University of Waterloo
May 2021