

Ben Asokanthan

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EDUCATION

Western University

London, ON

Bachelor of Science – Honors Specialization in Computer Science, Minor in Software Engineering

2020-2024

- First Year GPA: **3.7/4.0** (Dean's Honor List 2021)
- Second Year GPA: **4.0/4.0**
- **Courses:** Calculus I and II, Linear Algebra, Computer Science Fundamentals I and II, Computer Architecture, Data Structures and Algorithms, Software Tools and Systems Programming, Intro to Software Engineering, Discrete Structures for Computation, Computer Graphics I
- **Clubs:** Computer Science Undergraduate Society, Power to Change Western, Western Engineering Competition, Game Design Society, Western Competitive Programming

A. B. Lucas Secondary School

London, ON

OSSD with a 92% average

2016-2020

EXPERIENCE

Day Camp Activity Area Leader

May 2021 – August 2021

Forest Cliff Camps

London, ON

- Created and led daily programming (skits, dances, campfire activities, etc.) for all campers (ages 5-11) during the 9 weeks of camp.
- Mentored, and trained weekly groups of 5-15 junior high volunteers (ages 11-14) in leadership and serving skills.
- Oversaw the set up, supervision, and take down of all mobile day camp equipment.
- Helped reach over 1000 campers across Southwestern Ontario.

Day Camp Counselor

July 2018 – August 2018, and July 2019 – August 2019

Forest Cliff Camps

London, ON

- Provided supervision, care, and fun for a group of 15-22 children campers throughout each action packed week.
- Communicated with parents/guardians of the campers directly everyday.
- Ensured that all campers under my care had an unforgettable week of relationship building and fun.

Music Council President (volunteer experience)

October 2019 – April 2020

A. B. Lucas Secondary School

London, ON

- Organized and ran council meetings and planned exciting concerts, coffee houses, and parties.
- Overhauled the advertising and branding of the music department.
- Created a new foundation for events and organization for the department's future years.

PROJECTS

Hamburger Grammar | TypeScript, React, HTML/CSS, Git, Affinity Designer

March 2022

- Developed a front-end application which allows the user to build a burger using letters from "hamburger".
- Learned how to use TypeScript for static typing. Used React.js to create the reactive interface.
- The burger graphics were custom designed for the app. Clever CSS for the modal and burger layer stacking
- Made use of the browser's History API to create shareable links.

Shower Thoughts | JavaScript, React, HTML/CSS, Git, Figma

January 2022

- Developed a front-end application which displays random "shower thoughts" posts on Reddit.
- Used React.js for the front-end user interface.
- Interacted with the Reddit REST API to fetch random hot posts from the subreddit r/showerthoughts.
- Used Git for source control, and GitHub for hosting and deployment.

SKILLS

Programming Languages: JavaScript, HTML/CSS, Python, Java, C, Bash, L^AT_EX

Frameworks: React, Node.js

Developer Tools: Git, GitHub, Visual Studio Code, IntelliJ, UNIX/Linux, macOS, Vim, UML

Libraries: pandas, NumPy, Matplotlib, scikit-learn

Leadership Skills: Strategic Thinking, Interpersonal Communication, Creativity, Problem Solving

Graphic Design: Presentations, Screen Design, Social Media Posts, Affinity Suite, Adobe XD/Figma

Piano: Grade 10 Classical Piano (Conservatory Canada), Multiple Conservatory Canada Medals for Excellence