

Extra Curricular Experiences:

Stephen Lewis Secondary School

Sep 2019 - Jan 2022

Math and Finance tutor / PC assembler

Role Description: Tutored 25 students from grades 9-11 in Algebra and Calculus with a 25% improvement in grades. Developed weekly lectures, held Q&A sessions, and educated on fundamental accounting skills. Assembled PCs, installed OS, configured drivers, and optimized network setup for computer lab workstations.

Junior Achievement: General Electric

Nov 2019 - Jun 2020

Product and Finance Lead

Role Description: I was a key member of an 18-week startup company that successfully marketed a distinctive phone charging cable. Our product featured 3D-printed clips that enabled the cable to retract and extend as needed. In this venture, I held the dual roles of Product Lead and finance sector contributor. My responsibilities encompassed generating crucial financial documents like balance sheets and income statements. Moreover, I independently designed the product utilizing AutoDesk software. As part of our journey, I had the opportunity to present our product idea to a panel of judges at a prestigious provincial competition. Our company's achievements were remarkable, as we emerged as finalists among the top six most innovative companies in Central Ontario.

Finance Team:-

- Developed the Balance sheet and Income Statement.
- Responsible for keeping money and records safe and secure.
- Developed long-term Financial goals.
- Regularly indulged with the shareholders.
- Monitored wages and monthly expenditures.
- Made decisions to ensure the profitability of the company.
- Designed and Established an organized structure within the company.

Sales Team:-

- Kept accurate and up-to-date sales records for each product sold.
- Responsible for maintaining a close inventory check.
- Motivated the employees to push and maintain steady growth in sales.
- Gained experience with customer relations.
- Set sales goals for the company and conducted market research for existing competition.
- Gave suggestions on adopting push and pull sales strategies.

First Robotics Competition: Team 6378 LYNX Robotics

Sep 2018 - Jun 2020

Lead Programmer, Communications/Business Team Lead and Mechanical Member

Role Description: Member of a team that participated in a 6-month long robotics competition. Team members collaborated to build a robot from scratch.

Programming Team Lead:-

- Developed **30-second autonomous** driving and control through **OpenCV** and WPILib which accounted for 30% of the team's points in the following games: Destination: Deep Space and Infinite Recharge.
- **Mentored 20+ younger members** through topics of programming in robotics such as easy-to-read code, tracking objects with **OpenCV**, and using the **WPILib Java library**.
- Helped the **team qualify** at the **provincial level** of FRC in back-to-back years through game-time troubleshooting and program adjustments.

Mechanical Team:-

- Led the complete design process - from prototyping to Computer-Aided Design (CAD) in Autodesk Inventor - of my team's robot in the 2020 season, featuring our most ambitious, multi-featured robot.
- Led workshops and events at the local public library, within the school, and online to encourage younger students' involvement in robotics and STEM.
- Responsible for several critical mechanical/electrical tasks throughout build seasons on the team.

Communications Team Lead:-

- Designed Brochures, Business Cards, and buttons that were used for team branding.
- Handled Social Media Accounts and ensured they were updated.
- Responsible for making sure all Awards were ready to be presented.

Business Team Lead:-

- Journalized financial transactions and kept an organized record-keeping system.
- Conducted various ratio tests to ensure the financial stability of the team as well as the debt-paying ability.
- Created and presented the Entrepreneurship Award for provincial and district competitions.
- Established a Business plan which included financial and marketing data.
- Tried to build brand value for the team through the use of brochures and social media.
- Established a well-planned marketing and financial plan.
- Analyzed areas of weakness and recommended certain opportunities for growth and improvement.
- Acknowledged sponsors and wrote thank-you letters.
- Currently helping the team to get Mentors and new sponsors.