DORIS LAM

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EDUCATION

Unionville High School   **September 2020 – Present**

Ontario Secondary School Diploma (OSSD), Specialist High Skills Majors (SHSM) Business
- Grade 9 Honour Roll
- Grade 9 Certificate of Achievement 90%+ average courses

EXPERIENCE

Real World Design Challenge | *Creo*   **November 2021 – April 2022**
- Managed system design of an unmanned aircraft system (UAS) including engineering design process, subsystems, components, and complete flight vehicle weight and balance
- Designed and improved multiple 3D CAD models of an unmanned aerial vehicle (UAV)
- Scheduled over 200 hours of team meetings with the consideration of members' schedules
- Recruited 3 mentors after 15 emails based on the needs of my members by reaching out to professionals through email

VOLUNTEER EXPERIENCE

The Canadian Youth Champions   **November 2021 – Present**

General Member | November 2021 – January 2022
- Identified a health-related issue affecting young people in today's society and developed ways to address this issue with team members

Business Captain | February 2022 – Present
- Researching and developing a solution to reduce chemical run-off from agricultural industries through a STEM technological innovation
- Creating a business plan to secure funding through fundraising and grants as well as determining how funds should be used
- Communicates with team members to discuss thoughts, ideas, and opinions to further improve our project

PROJECTS

Comforix | *Python, HTML, CSS, ASP.NET*   **May 2022**
- Built a web platform where people who go through similar mental and physical distress can connect and share their similar difficulties with each other across the globe
- Used HTML, CSS, and Bootstrap to design the frontend of the application

Codedash | *Python, HTML, CSS, ASP.NET*   **April 2022**
- Built a web platform for the purpose of improving programming skills, learning new algorithms, coding design patterns, and sparking an interest in coding for those who are uninterested
- Designed the backend tokenizer using Python so code can be compared to determine correct and incorrect user inputs

AWARDS & ACHEIVEMENTS

- 2021/2022 Real World Design Challenge Canada National Second Place Award, 2022
- Real World Design Challenge State Champion Governor's Award, 2022
- Highgate Public School Math Award, 2020