ESTHER XIN

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SKILLS

Design
- Fusion360, Figma, Canva

Programming
- Java, React, FramerX, Python Flask, HTML, CSS

WORK

Coach | Dixie Soccer Club

2017-2019

- Instructs a class of 15-20 students on the necessary soccer skills to a high degree of effectiveness
- Took leadership roles and educated fellow staff and volunteers

Canadian Certified Referee

2017-2019

- Referee house league games for girls and boy under the age of 12
- Assess every game and file reports back to the soccer club

EDUCATION

2016 - 2020 International Baccalaureate @ Glenforest Secondary School

2020-2025 Systems Design Engineering @ University of Waterloo

PROJECTS

Developer | RBC 'Next Great Innovator Hackathon'   Sept. 2019
'Eco-Innovate'
- Created a chrome-extension that informs users of more sustainable clothing options when online shopping
- Conducted marker, product and user research
- Used **HTML** and **Figma** to create and design the extension

Designer | NASA Space Apps Hackathon   Nov. 2019
'Cure Tech' 🔗
- Used **APIs** and **big data** to predict the spread of airborne diseases
- Conducted market, product, and user research, designed a feasible solution and created the final pitch

Product Designer | RU Hacks   May 2020
'HealLife' 🔗
- Created an app and a sweat sensing wristband that alerts users of alcohol consumption limits to reduce the risk of a substance overdose
- Conducted marker, product and user research
- Used **Fusion360** to design a 3D model of the wristwatch and **FramerX** for the mobile application

COMMUNITY

Vice President | Glenforest STEM   2019-2020
- Overseas any movement within the club as well as any communication with media and external companies
- For 'Hour of Code', invited various corporations, such as Microsoft and Google to run coding workshops for grade 9 students.
- Organized a 'University Panel' with professors from various schools

Lead Mentor | Nahani Way Robotics   2019-2020
- Was a Lead Mentor for Nahani Way after-school robotics program
- Conducted weekly lessons and workshops that helped develop basic robotics and programming skills using Lego Robotics

Guest | 'Women in Engineering' Conference   Dec. 2019
- Attended the 'Ontario Network Women in Engineering Conference'
- There were numerous guest-speakers from various Universities and professions discussing their experiences with gender inequality
- Interacted with women and men from various professions