

Yang Xu

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Skills

- Experienced with Python, C, JS, HTML/CSS and web dev. tools (React, Bootstrap, etc.)
- Experienced with PyTorch, Git, MatLab, PhotoShop, Excel, and VS Code.
- Able to work well in teams and quickly learn new skills.

Experience

May 2022 – Aug. 2022 **Power and Performance Engineering Intern** – AMD (Markham, ON)

- Maintained and developed new Python-based analysis tools and automation scripts to improve efficiency of experimentation and data analysis.
- Developed an accurate ML model to dynamically process experiment data, improving efficiency and enabling new tools for the future.
- Conducted a series of experiments aimed at exploring next-gen Smart Shift features to improve performance and power allocation in new AAA laptops.

June 2021 – Aug. 2021 **Web Development Intern** – TechForGood inc. (Remote, Boston, USA)

- Developed the frontend for an education-focused website from scratch using node.JS, HTML/CSS, react, bootstrap, and jQuery.
- Coordinated work remotely with a small team of developers to ensure high quality was delivered on time.

Sept. 2019 – Nov. 2019 **Swimming Instructor** – City of Richmond Hill

- Led swimming classes ranging from 1-10 students across all ages.
- Communicated clearly with supervisors and guardians to ensure safety.

References Available Upon Request.

Education

Sept. 2021 – Present **Engineering Science at the University of Toronto – Intended Major in Robotics**

- Excelled in computer programming, math courses, and engineering design.
- 3.98/4.00 GPA with a 92% average.

Additional Activities

- Developed my own website using React, JavaScript, and HTML/CSS that I am currently hosting on Firebase. Link to website: yang-xu-web.web.app.
- Developed a Discord bot that won best use of Linode Cloud and domain.com in Mental Health Hacks 2021.