Clara Wong

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**EDUCATION**

**Bachelor of Engineering, Integrated Biomedical Engineering and Health Sciences** Sept 2021-Present

*McMaster University, Hamilton, ON*

* Currently enrolled in level 2 of the 5-year Electrical and Biomedical Engineering Co-op program
* Achieved a cumulative grade-point average of 3.7 on a 4.0 scale (9.75 on a 12.0 scale)
* Awarded the McMaster Entrance Scholarship for having a grade-point average over 90% in high school

**SKILLS**

*Programming*

* Python, C, C++, React.js, HTML, CSS, Javascript, MATLAB, Processing

*Tools*

* Autodesk Inventor, SolidWorks, 3D Printing (Prusa, Ultimaker), Figma, Microsoft Office, Blender, Magics

**WORK EXPERIENCE**

**Summer Research Student** May 2022-Aug 2022

*The Hospital for Sick Children, Co-op*

* Built surgical craniosynostosis simulation models using CAD and art softwares, 3D printers, and silicone molding
* Demonstrated problem solving skills and initiative in a self-directed environment
* Accomplished assigned tasks two weeks ahead of the deadline

**Design Challenge** Oct 2021

*College Pro and McMaster University, Internship*

* Tackled a design challenge proposed by College Pro: make booking clients easier and more efficient
* Developed a solution in a group of 4 and presented it to the company

**Store Associate** Jul 2021-May 2022

*Dollarama, Part-time*

* Delivered a positive customer experience by resolving customer issues and providing courteous service
* Boosted sales by processing transactions accurately and efficiently in a fast-paced environment

**PROJECTS**

**Personal Portfolio Website** Nov 2022-Present

* Created, maintained, and updated a personal portfolio website featuring my projects and experiences using React.js, demonstrating proficiency in HTML, CSS, and Javascript

**EXTRACURRICULARS**

**MED-T McMaster Outreach Team** Sept 2021-Present

* Created educational infographics on topics in biomedical engineering
* Led an Autodesk Inventor workshop targeted towards beginner CAD software users

**Google Developer Software Club Outreach Team and Community & Code Team** Sept 2021-Present

* Displayed organizational skills by planning MacHacks 2 and technology panels for McMaster Students
* Developed a start up incubator program for McMaster students, launching in Winter 2023

**Chem E Car Circuitry Team** Oct 2022-Present

* Utilized Raspberry Pi and Arduino to initiate and analyze chemical reactions to run a chemically powered car