

# Clara Wong



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[clarawong20.github.io/portfolio](https://clarawong20.github.io/portfolio)

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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 9.83 on a 12.0 scale
- Awarded the McMaster Entrance Scholarship for having a grade-point average over 90% in high school

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## SKILLS

### Programming

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

### Tools

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

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## 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

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## PROJECTS

### Personal Portfolio Website

Dec 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

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## 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