

Rick Huang

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EXPERIENCE

Web Developer

Sept 2023 – Present

Electrium Mobility

Waterloo, ON

- Proficiently debugged and resolved issues on the website using HTML, tailwind CSS, and gulp.js
- Successfully implemented Git for version control and streamlining collaborative development processes
- Demonstrated problem-solving skills and technical expertise to enhance website functionality and user experience

Kumon Assistant

May 2020 – Sept 2022

Kumon Institute of Education

Richmond Hill, ON

- Assisted students in comprehension of intricate concepts by breaking down complex topics into components
- Optimized study plans by tailoring study plans to individual students
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

PROJECTS

BlueK | ROBOTC

Sept 2023 – Dec 2023

- Developed fully functional robot that solves puzzles using ROBOTC
- Implemented user interaction and file input to start the robot
- Designed and integrated sophisticated algorithms to enable precise motor control, sensor interpretation, and strategic decision-making

TECHNICAL SKILLS

Languages: C++/C, SQL, Python, HTML/CSS, Tailwind CSS, gulp.js, JavaScript, ROBOTC

Frameworks: React, Node.js

Developer Tools: Git, VS Code, Visual Studio, PyCharm, Dev-C++

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Applied Science in Mechatronics Engineering

Sept. 2023 – May 2028

- Courses: Digital Computation, Algorithms and Data Structures, Linear Algebra