Gaurav Saini

Candidate for Bachelor of Applied Sciences Electrical Engineering - University of Waterloo



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SKILLS

Software: React JS, Javascript, HTML, CSS, SCSS, C++, Github, Visual Studio Code

Technical Skills: Utilization of tools such as Multimeters, Breadboards, Soldering Irons, Power Supplies. Thorough understanding of PC components developed through building and dismantling desktop computers

Soft skills: Leadership, Design, Communication, Critical Thinking, Problem Solving

EXPERIENCE

Quality Engineer / Web Developer | DOZR

Kitchener, ON, Canada | Jan 2021 - May 2021 |

- Responsible for identifying and resolving programming issues within company products.
- Worked with various web development tools and languages such as React, SCSS, ClickUp, GitHub, and Visual Studio Code
- Programmed on Windows and Linux Machines
- Awarded Outstanding Performance for orchestrating new quality assurance systems and continued efforts in web development

Robotics Club Executive | North Park Secondary School

Brampton, ON, Canada | Sept 2016 - June 2020 |

- Led and trained new members on the skills and attributes required to succeed in robotics (e.g., time management, creativity, problemsolving, teamwork), ensuring all team members are able to work efficiently with the rest of the team.
- Worked through various engineering projects and gained experiences in assembly, soldering, fabrication, and rapid prototyping.
- Navigated building challenges by applying critical thinking and creative solutions such as new robot schematics, applying different drive chain ratios, or using different parts.

Sales and Customer Service Representative | Lowes

Brampton, ON, Canada | June 2020 - Sept 2020 |

- Awarded Lowe's Employee Award for creating a system to sort loaders and cashiers to make customer assistance more efficient
- Assisted department manager with visual merchandising to optimize the presentation of Lowe's appliances
- Developed and enhanced customer service, interpersonal, communication, and leadership skills through handling customer inquiries and collaborating with colleagues on business-related tasks.

ENGINEERING PROJECTS

Online Portfolio | React JS

May 2020

- Programmed a dedicated online Portfolio to showcase personal info, projects, and programming skills using the React JS library.
- Published and hosted through GitHub Pages
- Worked with languages such as HTML, Javascript, JSX, and CSS.
- Applied concepts such as React Hooks, Props, Function Components, Lists, and Routers.

Hangman Discord BOT | Discord.js

January 2020

- Created a discord bot dedicated to playing hangman with multiple players.
- Applied various test cases for reoccurring users, repeated letters, and game state variables.

ACHIEVEMENTS