

Shayaan Khatri

(437) 214-7134 | shayaan.k987@gmail.com

Skills

Languages: Java, C++, JavaScript, HTML, CSS, Python

Tools: MATLAB, AutoCAD, OnShape, SolidWorks

Experience

Special Olympics Ontario - Junior Web Developer

February - August 2019 Toronto, ON

- Created a website for athletes, coaches, and fans to find information about recent or upcoming matches using HTML, CSS, and Javascript.
 - Designed and developed the website to ensure it is easily accessible to people who have developmental disabilities.
 - Completed the development of the website independently and worked with a team to receive feedback and implement the final product.
 - Managed to identify, investigate, and fix any bugs and website problems such as broken links, formatting issues, and accessibility issues.
 - Gained insight into modern website design trends and technologies
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Projects

COVID-19 Social Bubble Organizer

- Developed a survey and Java algorithm that can sort like-minded students together to allow social interaction in a pandemic with no need to interact outside their bubble to reduce the spread of illness.
- Partnered with experts in the Department of Psychology at Western University to learn the psychology behind creating strong social groups and good chemistry.

Vending Machine

- Programmed an Arduino microcontroller to read user inputs and control the mechanical components of the vending machine.
 - Effectively implemented LED displays, motors, and keypads to create a well-designed and seamless operating procedure for the user.
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Education

University of Western Ontario - BSc Computer Engineering

September 2020 - PRESENT London, ON

Certifications

- Completion of SHSM program