Sanjana Adiga

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WORK EXPERIENCE

Institute for Research and Development on Inclusion and Society (IRIS)   **Toronto, Ontario**
Online Learning and Communications Intern   May 2022 – August 2022
- Created marketing materials to promote The Accessibility Exchange, and assisted in the coordination and execution of virtual training sessions for clients and partners for onboarding of 100+ clients
- Developed and maintained company website to provide resources and information on accessibility consulting services and ongoing accessibility events
- Collaborated with team members to optimize user experience on the platform, utilizing Figma and CRM software

HomeSchooled   **Toronto, Ontario**
Hackathon Project   March 2021 - April 2021
- Developed plan of pilot program to launch in Chennai, India to distribute technology and strengthen technological education among girls and women
- Collaborated with team to identify and resolve issues in the development process and develop a feasible plan, while updating and maintaining documentation to ensure accurate and efficient project execution
- Utilized Figma to develop mockups and prototype of application

Auxilium   **Toronto, Ontario**
Hackathon Project   January 2021 - March 2021
- Developed application to track and manage mental health through recorded brain waves using an EEG device (brain-computer interfaces)

SKILLS

Technical Skills: Java, JavaFX, JavaScript, Python, Pygame, HTML, CSS, SQL, UX/UI (Figma, Canva), OnShape, Microsoft Office, Jira, MatLab, Oracle Cloud, Microsoft Azure, Quartus, Arduino
- 2+ years of programming experience through courses and projects
- Familiar with Agile methodology and product development cycle

LEADERSHIP & PROJECT EXPERIENCES

Chem-E-Car   **London, Ontario**
Circuitry and Microprocessors Team Lead   September 2022 - Present
- Developed a program on Arduino to detect changes in a photoresistor attached to motor system to optimize for precise car maneuverability
- Project managed the programming of Chem-E-Car and implemented timelines regarding the design and construction
- Developed strong problem solving and analytical skills and built strategies to maximize power efficiency

Western AI   **London, Ontario**
AI Developer   September 2022 - Present
- Developed skills in AI and machine learning through hands on project regarding thyroid cancer detection
- Gained exposure to emerging technologies through participation in innovation-focused programs and events
- Experience in working with a diverse group of ambitious individuals

Scrub's Clean Sweep   **London, Ontario**
Pygame project   February 2022 - April 2022
- Developed 2D platformer video game using Python and Pygame libraries
- Designed graphic displays using Figma and Canva

EDUCATION

University of Western Ontario   **London, Ontario**
Software Engineering   Expected Class of 2025
- Chem-E-Car Circuitry and Microprocessors Team Lead
- Western AI Developer

LANGUAGES

Languages: English, French, Kannada