

Tahmid Ehsan

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TECHNICAL SKILLS

Front End | HTML, JavaScript, CSS

Back End | Python, C, C++, C#

Developer Tools | Git, Agile Methodology, Unity, Tkinter

EXPERIENCE

Web Developer & Finance Assistant | U+ Education

Jul 2022 - Aug 2022

Front End Company Website Redesign

HTML | CSS

- Designed and implemented 10 new web pages in HTML and CSS to create visually appealing and functional web interfaces that aligned with the organization's branding
- Spearheaded the drafting and analysis of comprehensive financial reports and forecasts to determine the optimal next steps for financial growth and sustainability
- Conducted thorough website audits and provided actionable recommendations to optimize performance, usability, and overall user experience.

PROJECTS

Wireless Robotic Arm

Dec 2023

Bluetooth-enabled 3D Printed Movable Arm Mold

C++

- Designed and developed a wireless synchronous movable 3D printed arm using HC305 wireless Bluetooth modules, servo motors, flex sensors, and H-bridges with low latency (< 2 s)
- Implemented an effective communication system by sending alphanumeric bits to the robotic arm, enabling precise and coordinated movements
- Utilized programming skills in C++ to create a reliable and responsive control system for the 3D printed arm

Facial Features Scanner

Nov 2023

AI Facial Recognition Application

Python

- Developed a facial recognition application in Python utilizing machine learning algorithms and computer vision techniques to accurately identify faces in real-time.
- Implemented image preprocessing techniques to enhance facial feature extraction and improve the overall accuracy of the recognition system.
- Integrated the application with a user-friendly interface, allowing for seamless interaction and providing clear feedback on detected faces and recognition results.

CERTIFICATIONS

- **WHMIS Training** | Toronto Metropolitan University
- **Standard First Aid & CPR C with AED** | SAJE Vital Signs
- **CCNA: Introduction to Networks** | Cisco Networking

Oct 2023

Feb 2022

Dec 2021

EDUCATION

Toronto Metropolitan University | Bachelor of Engineering, Computer Engineering

Current