Sufiya Arab

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SKILLS

Languages
Python, C++, Java, Javascript, HTML, CSS, JSON, PHP, SQL

Developer Tools
Visual Studio Code, IntelliJ, MultiSim, ArduinoIDE, Xilinx, Eclipse, Sublime Text, Node.js

PROJECTS

Document Analyser
- Created a project using Python with Visual Studio Code as the primary IDE, where the objective was to dynamically read an input folder from the user's directory and employ a specified keyword to identify files containing the targeted keyword
- Implemented Python's os module to locate folders seamlessly, systematically traversing a user's directory by leveraging Python extensions and libraries for efficient file system navigation and content analysis

Lookbook - Dress Up Game
- Led a dynamic team of three to achieve remarkable success in a complex project, securing an A+ grade through effective leadership and surpassing expectations
- The project employed HTML, CSS, and JavaScript, with Sublime Text as the main IDE and Eclipse as the central server for coding, collaboration, and testing
- Utilized JavaScript to seamlessly embed audio in the website, and implemented error-catching mechanisms to address security permissions across different browser
- Utilizing HTML libraries like html2canvas and dom-to-image, the project enabled users to download customized images of avatars and designs in .png format directly from the web application

EXPERIENCE

Adolescent Advisory Group Member   11/2022 – Present
Adhealth, University of Alberta
- Collaborated with a diverse team to provide insights on adolescent puberty health, contributing valuable ideas for the development of an app and website
- Offered guidance on user interface design, envisioning intuitive interactions and appealing layouts
- Provided input on user-centric design principles, envisioning a positive user experience without hands-on coding involvement

Petcare Sales Associate   09/2021 – Present
Petsmart

- Utilized SQL to maintain the CRM database, proficiently entering new and updated prospect and customer information for effective use by sales personnel
- Demonstrated leadership skills by supervising a store-wide project to prepare for an audit by delegating cleaning tasks resulting in a positive visit by senior management

Technical Developer   10/2023 – 12/2023
Website Design Project - SOFE2800U, Web Development

- Collaborated in a three-member team to develop a web game using JavaScript, CSS, and HTML, highlighting strong teamwork and coding proficiency
- Utilized Visual Studio Code and Github for efficient development, version control, and deployment of a fully functional game-embedded website

EDUCATION

B.Eng, Software Engineering   2022 – 2027 | Oshawa, Canada
Ontario Tech University
Completed Courses: Web Development, Object Oriented Programming, Information Technology, Data Structures

LANGUAGES

French   ● ● ● ● ●   Urdu   ● ● ● ● ●