Jagroop Singh

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OBJECTIVE

Searching for favourable career opportunities that would help me in gaining greater practical excellence in the IT and software industry and where I can put my analytical and technical skills to contribute to the growth of the organization.

EDUCATION

Undergraduate Diploma in Computer Science   Regina, SK | Jun 2022
UNIVERSITY OF REGINA
Coursework: Advanced Data Structures and Algorithms; Programming Language Concepts; Computer Networks; Digital System Architecture; Web and Database Programming; Object-Oriented Design; Java Programming and Apps

WORK EXPERIENCE

UNIVERSITY OF REGINA | ONLINE TRAINING AND COURSE ASSISTANT(COOP)Regina, SK | Aug 2021 – Aug 2022

- Worked one-on-one with staff to introduce them to a broad range of computer applications, hardware and instructional tools related to curriculum delivery and solved any problems encountered.
- Researched and performed functional testing of new software before it was deployed to the computer labs.
- Trained course instructors in the effective use of audio, video, graphic, multimedia and online resources within courses to improve learning and engage diverse learning needs.
- Provided technical support to the instructors/students for learning management system, remote proctoring tools and computer hardware used by the University.

STUDENTS' UNION (URSU) | STUDENT ELECTION OFFICER (SEO)   Regina, SK | Aug 2021 - April 2022

- Solved serious violations of URSU elections, investigated and documented any complaints or appeals which were brought forward to the Elections Committee.
- Conferred with all parties involved to clarify issues, identify concerns, provide feedback & develop an understanding of all sides.
- Analyzed the situation and collaborated with the team of the Elections Committee for a fair decision.

PROJECTS

GROCERY MANAGEMENT WEB-APPLICATION ⌇   PHP, MYSQL, HTML, CSS, JAVASCRIPT, AJAX
An App where user can Sign up to create a profile, create a new family or join an existing one to keep track of grocery items for that family with features such as adding new items, deleting items, consuming items and many other useful features that are dynamically updated.

FRUITYFY REST APIS ⌇   FAST API, JSON, UVICORN, PYTHON
Custom REST APIs which can be integrated with third party apps for efficient operation built using python's Fast API framework, load JSON data and deployed using Uvicorn. .

SPACE-THEMED PERSONAL PORTFOLIO ⌇   NODEJS, THREEJS, VITE, JAVASCRIPT
Space themed interactive website using JavaScript 3D framework Three.js for a Personal Portfolio project.

LIBRARY MANAGER ⌇   PYTHON, TKINTER, SQLLITE
A python app to manage Books, Users and transactions in a sqlLite database with a user interface built with tkinter.

GITHUB REPOSITORIES ⌇   PYTHON, SOCKETS, SELENIUM, REST API, SCRIPTS
Collection of Scripts which can be used to automate various seldom tasks such as searching on google maps, downloading data from a website, opening applications, USB speed testing, etc.

SKILLS

Languages: C++, Python, PHP, Prolog, Bash, C, Java, Scheme
Web Development: JavaScript, Three.js, Vue, React, HTML/CSS
Databases: SQL, MongoDB, SQLite, Firebase
Technology: Git, Tkinter, REST API, Docker