

JASPREET SINGH SAINI

Surrey, BC

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An IT student currently pursuing a Diploma in Computer Information Systems at KPU. Proficient in C++ and experienced in leveraging SQL and other Programming Languages. Possesses strong analytical skills and attention to detail. Brief knowledge about networking and worked on different operating systems like Windows and Linux. Eager to utilize my technical skills and knowledge to provide support to faculty and staff in operating software and hardware effectively.

SKILLS

Python | C++ | Java | JavaScript | jQuery | NodeJS | Express JS | React JS | SQL | Oracle | Database Management | Front-end Web application development | Communication skills | Packet Tracer | Microsoft Office Suite | Excel | Linux | Windows Server 2022

EDUCATION

DIPLOMA IN COMPUTER INFORMATION SYSTEMS

Kwantlen Polytechnic University, Surrey, BC

JANUARY 2023 – PRESENT

- GPA: 4.08/4.33
- Expected Graduation: May 2025

EXPERIENCE

STUDENT MENTOR (VOLUNTEER)

Kwantlen Polytechnic University, Surrey, BC

Fall 2024 Semester

- Mentoring other students by advising them on academic obstacles, courser registration, encouraging a pleasant and supportive learning environment.
- Organizing study groups and facilitating peer-to-peer learning to improve communication, leadership, and problem-solving abilities.
- Collaborated with faculty and staff to give academic materials and workshops, thereby promoting student achievement and engagement.

SPECIAL SERVICE ASSOCIATE (CUSTOMER SERVICE)

The Home Depot Canada, Surrey BC

March 2023 – Present

- Provide exceptional customer service by ensuring customers are informed about their online orders and promptly communicating any updates or changes via phone calls.
- Proactively assist coworkers on busy days and work extra hours when required, resulting in a smooth workflow and a supportive, collaborative work environment.
- Coordinating with delivery partners like Canada Cartage, GoFor or Door Dash via emails or phone calls to arrange and schedule deliveries for customers or the store.
- Efficiently preparing orders for customers using the software My ToolBelt and swiftly navigating within 12,800 Square meter store to collect product, ensure timely fulfilment of orders even under time constraints.

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COURSES

Principles of Program Structure and Design I and II

- Mastered fundamental programming design in C++ and implementation concepts in object-oriented programming (OOP) in Java.
- Covered elementary and advanced topics including data structures, objects, inheritance, polymorphism, and exception handling.
- Introduced event-driven programming and graphical user interfaces (GUIs) with Java.
- Developed skills in analysis, design, and styling of programs.

Networking Technologies I and II

- Practiced solving various problems that involve setting up a network and configuring routers and switches.
- Learned ways to locate the source of problem, find solutions, implement the plan, verify connectivity, and document solution.
- Introduction to Computer Hardware and Software
- Gained knowledge of computer architecture and key hardware components such as microprocessors, memory, and motherboards.
- Examined expansion buses, power supplies, hard disk drives, and removable media.

Server Operating Systems

- Gained knowledge in planning, installing, testing, and administering server operating systems.
- Created and managed user accounts using Active Directory.
- Installed and configured server roles, including DHCP, DNS, print server and IIS.
- Created and configured server roles for a care home environment to support specific operational needs.

Database Systems

- Developed dynamic web applications using HTML, CSS, and JavaScript.
- Programmed in client and server-side environments for data-driven solutions.
- Deployed applications on web hosting servers for live functionality.

Operating Systems Principles and Applications

- Gained a theoretical knowledge of operating systems such as its architecture, file systems and processes management.
- Practical understanding of using CLI of Windows and Linux operating systems.

PROJECTS

Student Grade Database Application System

- Developed a relational database system for managing student grades and
- Created a JavaFX GUI for student access and used JDBC for database integration.

Front-End Restaurant Website

- Built a responsive web application using HTML and CSS without relying on frameworks.
- Ensured an intuitive and visually appealing user experience across various devices.

Galton Game Board

- Created a board game using linear programming.
- Integrated statistical calculations to display standard deviation.

Web Development Project: Drum Set Simulation

- Created an interactive web-based drum set using HTML, CSS, and JavaScript.
- Implemented sound play functionality triggered by key presses and clicks for enhanced user experience.
- Applied event listeners and DOM manipulation to build a responsive and dynamic application.

CERTIFICATES

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| • Certificate in Python Programming Language
<i>Samyak IT Solution Private Ltd.</i> | June 2022 |
| • Certificate in C and C++ Programming Language
<i>Samyak IT Solution Private Ltd.</i> | June 2022 |