Sukhman Dhawan

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EDUCATION

University of Saskatchewan   Saskatoon, SK

Bachelor of Science in Computer Science – 3rd year   *Jan.2021 – Dec 2024(Expected)*

CERTIFICATION

Data Science Foundations - **Great Learning**   *June 2023*
Practical Web Apps Hacking - *Shape AI*   *Mar 2021*
Web Development Bootcamp - *Shape AI*   *Feb 2021*

TECHNICAL SKILLS

Programming Languages	**:** Java, Python, C/C++, JavaScript, HTML5/CSS
Frameworks, Tools, and Databases	**:** Node.js, React.js, .NET, Express, Git, SQL, PowerBI
Others	**:** Agile Scrum, Data Structures, Web Services

EXPERIENCE

Teaching Assistant, University of Saskatchewan *(Contract - Part Time)*   Saskatoon, SK

Department of Computer Science (CMPT - 140, 214)   *Jan 2023 – Present*

- Provided tailored academic support and mentorship to a diverse group of students, resulting in an average improvement of 20% in their understanding and performance.
- Managed computer labs and delivered technical assistance, guaranteeing resource availability for 100+ students and augmenting their practical skills by 30%.
- Contributed to the grading process of assignments and exams, while conducting weekly tutorial sessions to simplify complex concepts, leading to an increase in problem-solving abilities among students.

Department of Mathematics (MATH - 102, 110)   *Sept 2022 – Present*

- Developed individualized learning plans for 20 students, resulting in a 30% improvement in academic outcomes.
- Led interactive workshops on complex Mathematical concepts, increasing student comprehension.
- Assisted faculty with data collection and publication development, contributing to the successful completion of 3 research projects.

PROJECTS

Grocery Management System | *Python, HTML, CSS, JavaScript, SQLite*

- Led the design and development of an innovative Grocery Management System to optimize inventory management, streamline order processing, and enhance customer interactions.
- Implemented real-time inventory updates and automated order replenishment while crafting a user-friendly interface to ensure ease of use and high user adoption rates.

ChatBot | *Python, HTML5, CSS JavaScript, SQLite*

- Orchestrated the development of a dynamic Chat Application, integrating real-time messaging, media sharing, and group communication features.
- Prioritized intuitive design and seamless user experience, ensuring the application's compatibility and responsive design across various platforms and devices.

Note-App | *Python, HTML5, CSS JavaScript*

- Developed a versatile Note-Taking App, integrating features such as voice-to-text, image insertion, and tagging to provide a comprehensive and customizable user experience.
- Implemented a user-friendly interface, while ensuring the app's compatibility across various devices and operating systems for enhancing user convenience and application utility.