

Sugnaykumar Patel

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Education

Bachelor Of Science - Computer Science 2022-Present
University of Regina, Regina, SK (Expected Graduation – August 2027)

Certifications

- MySQL (Basic) certification, Hacker Rank 2024
<https://www.hackerrank.com/certificates/43fdd90f2ec4>
- MySQL (Intermediate) certification, Hacker Rank 2024
<https://www.hackerrank.com/certificates/c8604b0ec456>
- Python (Basic) certification, Hacker Rank 2024
<https://www.hackerrank.com/certificates/a8ac2177fa91>

Interests

- Artificial Intelligence and Machine Learning: Enthusiastic about exploring AI and ML technologies, and their applications in various industries.
- Cybersecurity: Passionate about learning and implementing security measures to protect data and systems from cyber threats.

Volunteer Activities

- Coding Mentor: Volunteered as a mentor for a local coding club, helping high school students learn programming languages and develop their own projects.
- Tech Support Volunteer: Provided technical support and training for community members at a local library, assisting with computer setup and troubleshooting.

Work Experience

Training Supervisor - Blackbird Security Dec 2022 – Present

- Actively developing and implementing programs for the security officers for different sites according to the needs of clients that increases their overall efficiency by 40% which leads to the overall development of company.
- Evaluating performance and Ensuring compliance to meet up the industries level. Collaborations with senior management for alignment of training programs which leads to the performance increment of 3 % for overall company.
- Staying updated on industry trends and collaborating with other lawful service agencies for ensuring public safety.

Projects

Marketplace Website (Personal Project) (Ongoing) 2024

- Designing to act as intermediary Peer-to-Peer Non – Commercial Model using HTML, CSS, JavaScript, MySQL, PHP, etc.

Scheduling Algorithms (Academic Project) 2024

- Designed to understand modern day scheduling algorithms which are currently in used for several Operating systems. Advance C++ concepts of vectors , searching algorithms , DSA like array and queue are used for development of this project. Link of checking out source code is uploaded on GitHub – [Scheduling](#).

AI version control game (Personal Project) 2023

- Designed to learn Object oriented programming concepts in C++ which leads to better code modularity, Reusability, data abstraction, Encapsulation, and scalability etc. This game is developed using C++ concepts of randomization. Link of checking out source code is uploaded on GitHub – [TicTacToeAIversion](#).

Relevant skills

Programming and Coding Skills

- Programming Languages: C, C++, JavaScript, PHP, C#
- Web Design and database Languages: HTML5, CSS3, MySQL, MongoDB(Learning).
- Operating systems :Windows, Linux , Mac-OS.

Technical Skills

- Experienced in planning and executing complex projects from start to finish. Basic knowledge of computer hardware and OS configuration. Proficient in using Git and GitHub for efficient project management.
- Proficiency in technical documentation as demonstrated in Academic projects and individual research projects. Debugging the complicated codes , testing, and reconciling the problem with proper documentation.

Transferable Skills

- Ability to solve problems using analytical and critical thinking.
- Strong multitasking and leadership skills with a determined focus on meeting deadlines.
- Ability to Collaborate effectively with others to bring the project to fruition with clear presentation and technical information in reports and presentations.

Reference

Howard J. Hamilton, PhD
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University Of Regina
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