NIHAL SINGH

Hamilton, ON

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EDUCATION

McMaster University   *Hamilton , ON*
Bachelor of Applied Sciences (Computer Science CO-OP)   September 2021 - Present

Delhi Private School   *Dubai , UAE*
April 2008 - May 2021

EXPERIENCE

LPO Analyst   May 2022 - July 2022
Lava Visual   *Dubai , UAE*

- Aided in managing and optimizing local purchasing orders for National companies in the United Arab Emirates.

- Utilized Excel to create and maintain a database of local purchase orders, track and manage budgets in order to identify trends, highlight areas for improvement, and make data-driven decisions.

- Showcased strong analytical and problem-solving skills into coordinating with external vendors and partners to outsource legal work as needed.

Python Tutor   July 2019 - August 2019
Institute For Non-Formal Education And Research   *Jaipur , India*

- Actively participated voluntarily in literacy awareness program and interaction with students for promoting education activities with a passion for making education accessible to all.

- Mobilized various teaching methods to make the learning process engaging and interactive and assisted students in understanding complex programming concepts through one-on-one instruction and mentorship.

- Implemented programs that supported the overall goals of the institute and provided feedback and guidance for student projects, helping them to develop their skills and achieve their learning objectives.

PROJECTS

DeepFocus
Google Chrome Extension

- DeepFocus Extension empowers users to optimize their work routine by blocking access to social media sites during designated work periods, enabling them to maintain focus and productivity.

- Self-taught the fundamentals of HTML and CSS and acquired proficiency in it through the development of a productivity-focused Google Chrome extension.

Math Visualizer
ELM Project

- A responsive study tool based on the elementary concept of derivatives built using ELM.

- Implemented an intuitive UI that enables users to easily select the appropriate derivative from a visualizer, and display it graphically for improved comprehension.

- Conducted user interviews and utilized feedback to improve the design over the course of 12 weeks.

TECHNICAL SKILLS

Programming Languages   Python , Java , C , JavaScript , SQL , Elm , Haskell , HTML , CSS

Miscellaneous   Shell , Linux , GitHub , OverLeaf , Microsoft Office