

Devang Malhotra

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Education

Lazaridis School of Business and Economics - Wilfrid Laurier University

Waterloo, ON

Candidate for Honours Bachelor of Business Administration and Honours Bachelor of Science in Computer Science

Class of 2027

- **Awards:** Dean's Honour Roll (2022 – 2023), Dean's Honour Roll (2023 – 2024)
- **Relevant Coursework:** Introduction to Programming, Data Structures, Discrete Structures, Linear Algebra, Object Oriented Programming, Digital Electronics, Intro to Microprocessors, Databases

Work Experience

Nissan Motor Corporation

Mississauga, ON

Dealer Performance Analyst – Dealer Network Development

May 2024 – Aug 2024

- Utilized Tableau to update the Dealer Group KPI Scorecard for 260 dealers by managing data feeds and template precision
- Oversaw all EV Tracker updates by maintaining records of EV sales and dealer training status, improving data accuracy by 20%
- Updated the Profitability Report using Excel functions such as VLOOKUP and SUMIFS, reducing generation time by 15%

Toronto Hydro

Toronto, ON

Senior Technical Student – Capital Planning & Reporting

May 2023 – Aug 2023

- Built a Tableau dashboard to visualize 58,000+ lines of data and trend US\$20M+ of annual expenses by quantity of removals by asset type, useful life of each asset, age of asset removed, etc. to identify the key drivers of derecognition from 2020 – 2023
- Prepared journal entries using SAP ERP to handle variances and transfer CapEx to CapEx (different projects), CapEx to OpEx, and CapEx to Demand Billable expenditures while maintaining the overall integrity of the general journal
- Created macros using VBA to analyze the ISA Actual report and the CWIP report daily, increasing efficiency by 25%

Interdisciplinary Research and Educational Services

Toronto, ON

Research and Education Assistant

Jan 2021 – Jun 2021

- Led a team of over 10 high school students to complete research tasks by scheduling daily calls and creating weekly agendas
- Constructed and delivered presentations with a focus on how technology can be used to mitigate the effects of COVID-19
- Completed a research proposal related to the subject of artificial intelligence and its impact on the COVID-19 pandemic

Software Projects

Finance Dashboard

Java (SpringBoot), MySQL, HTML, CSS, JavaScript

May 2024

- Created a finance dashboard with two other individuals to display stock/cryptocurrency prices and set financial reminders
- Implemented a user account system using MySQL and a web-app using HTML, CSS, JavaScript and the SpringBoot framework

Musicube

Python, Flask, HTML, CSS

Jul 2023

- Engineered a program which converts music from a YouTube link into audio files while retrieving metadata from Spotify API
- Designed and implemented a web-app using Flask, HTML, and CSS which allows the end-user to download the finished file

Student Marking Application

VBA, SQL

Jun 2023

- Developed and implemented a program in Excel which uses VBA to extract student data from a database in Access using SQL
- Used VBA to generate a Word report which displays a histogram containing the maximum, minimum, standard deviation, etc.

Activities & Societies

Enactus Laurier – Mighty Hawks

Waterloo, ON

Digital Creativity Specialist

Sept 2022 – Present

- Devised interactive lessons for the KW Habilitation group teaching fundamental financial literacy skills to children
- Conducted quality checks and revised KW Habilitation's curriculum to meet academic requirements (ranging from grades 1-3)
- Collaborated with other executive members to schedule weekly meetings with KW Habilitation to provide progress updates

Wilfrid Laurier University

Waterloo, ON

Instructional Assistant | CP212: Windows Application Programming

Sept 2023 – Dec 2023

- Supervised and led lab sessions by teaching fundamental concepts of Excel and Visual Basic for Applications to 50+ students
- Assessed 20+ lab assignments on a weekly basis while ensuring the accuracy and ethical integrity of all submissions and grades

Additional Information

Languages: Python, C, Java, VBA, SQL, HTML/CSS, JavaScript

Frameworks, Tools, and Additional Programs: Flask, SAP ERP, MS Office (Word, Excel, PowerPoint, Outlook, etc.)