

Devang Malhotra

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Education

Lazaridis School of Business and Economics - Wilfrid Laurier University <i>Candidate for Honours Bachelor of Business Administration and Honours Bachelor of Science in Computer Science</i>	Waterloo, ON <i>Class of 2027</i>
<ul style="list-style-type: none">• Awards: Dean's Honour Roll• Relevant Coursework: Data Structures, Discrete Structures, Object Oriented Programming, Windows Application Programming, Intro to Microprocessors, Databases, Algorithm Design & Analysis, Operating Systems, Software Engineering	

Work Experience

Yamaha Motor Canada <i>Data Analyst – Corporate Planning & Strategy</i>	Toronto, ON <i>Jan 2025 – Apr 2025</i>
<ul style="list-style-type: none">• Automated the retrieval of competitor MSRP data for 800+ products, such as motorcycles, ATVs, and SSVs, by creating a Python web scraper with BeautifulSoup4 and Selenium, reducing manual data collection time by more than 24 hours• Designed Power BI dashboards to visualize MSRP data across 20+ categories, reducing sales decision-making time by 20%• Assisted with month-end procedures by downloading YTD and MTD reports from SAP ERP, updating the waterfall chart, and preparing a slideshow containing the latest economic data, improving the accuracy and clarity of financial reporting by 10%	
Nissan Motor Corporation <i>Dealer Performance Analyst – Dealer Network Development</i>	Mississauga, ON <i>May 2024 – Aug 2024</i>
<ul style="list-style-type: none">• 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 <i>Senior Technical Student – Capital Planning & Reporting</i>	Toronto, ON <i>May 2023 – Aug 2023</i>
<ul style="list-style-type: none">• 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 expenditures, improving financial reporting accuracy• Created macros using VBA to analyze the ISA Actual report and the CWIP report daily, increasing efficiency by 25%	

Software Projects

Student Housing Industry Analysis Dashboard <i>React.js, Express.js, MySQL, Puppeteer</i>	<i>Mar 2025</i>
<ul style="list-style-type: none">• Scraped and stored data from platforms including Kijiji, WOCH, and Student.com using Puppeteer, Express.js, and MySQL• Implemented a web-app using React.js to initiate the scraping process and display a dashboard with charts and statistics	

Musicube <i>Python, Flask, HTML, CSS</i>	<i>Jul 2023</i>
<ul style="list-style-type: none">• 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 <i>VBA, SQL</i>	<i>Jun 2023</i>
<ul style="list-style-type: none">• 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 <i>Digital Creativity Specialist</i>	Waterloo, ON <i>Sept 2022 – Present</i>
<ul style="list-style-type: none">• 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)	

Wilfrid Laurier University <i>Instructional Assistant CP212: Windows Application Programming</i>	Waterloo, ON <i>Sept 2023 – Dec 2023</i>
<ul style="list-style-type: none">• 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, Java, VBA, SQL, HTML, CSS (Tailwind), JavaScript	
Frameworks, Tools, and Additional Programs: React.js, Docker, Flask, Git, Tableau, Power BI, MS Office (Word, Excel, etc.)	