KHACH KEHYAYAN

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Education

McMaster University, Hamilton ON   **Expected Graduation: June 2026**
*B.A.Sc. in **Computer Science** Co-op, Minor in **Business***   *GPA: 3.67/4.00*
- **Dean's Honour List** - for maintaining a minimum cGPA of 3.50/4.00
- **Faculty of Engineering Award of Excellence** - for obtaining an admission average within top 10% of my program

Experience

CIBC Capital Markets   **January 2024 – Present**
Client Data Analyst Co-op   *Toronto, ON*
- Collaborated with business partners to analyze and define intricate **software requirements** through **Product Backlog Items (PBIs)** and **User Stories**, leveraging **Azure DevOps** in an **Agile** environment to manage project workflows, track bug fixes, and facilitate continuous process improvements, ensuring internal system efficiency and reliability.
- Ensured **software correctness** and **reliability** by leading the execution of **System Integration (SIT)**, **User Acceptance (UAT)**, and **Business Acceptance Testing (BAT)** phases of the **Software Development Lifecycle**, ensuring internal applications met quality standards and expectations before deployment to production.
- Performed comprehensive **impact analysis**, **sanity testing**, **end-to-end testing**, and **regression testing** following bug fixes, ensuring that changes did not adversely affect system functionality and that all features remained operational and efficient for internal users.
- Facilitated **data-driven decision-making** for senior management by updating a key Capital Markets Leadership dashboard, utilizing **Power BI**, advanced **DAX** formulas, and **Microsoft Excel** to analyze and visualize business requirements and provide actionable insights on client review progress for fiscal year.
- Leveraged **Power BI** to develop sophisticated **statistical models** and **predictive analytics**, effectively forecasting completion dates for annual client reviews. This strategic analysis provided insights into performance trends, enabling precise predictions of year-end target achievements and significantly optimizing decision-making processes.

Staples   **June 2022 – January 2024**
Technology Sales Representative   *Ancaster, ON*
- Demonstrated excellent communication and relationship-building skills by surpassing sales targets and effectively marketing extended warranty programs, supported by a comprehensive understanding of product functionalities and service design.
- Advised customers in specific technology which facilitates their budget, application, integration, and operational superiority.
- Diagnosed and resolved software and hardware issues on both Mac and Windows computers while safeguarding proprietary information and maximizing efficiencies.

Technical Skills

Software & Tools: Azure DevOps, Jira, Power BI, Tableau, Microsoft SQL Server, Confluence, MySQL, IBM Db2
Languages: Python, Java, SQL, C, HTML/CSS, JavaScript, TypeScript, Haskell, Prolog
Frameworks/Libraries: Matplotlib, NumPy, Pytest, Jest, Pandas, Scikit-learn

Projects

Quadratic Transformations | *Java. Git*
- Developed a Java GUI application featuring four sliders and a graph to manipulate quadratic function parameters. Users can visualize instant changes in graph shape and position.

Personal Website | *HTML, CSS, JavaScript, WebStorm IDE. Git*
- Created a dynamic personal website using HTML, CSS, and JavaScript, showcasing my professional skills and portfolio.

Continuing Education

IBM Data Science Professional Certificate | *Coursera*
- Engaged in the IBM Data Science Professional Certification on Coursera, mastering a range of skills from data visualization and machine learning in Python to SQL databases, and data science methodologies. Courses cover practical applications such as predictive modeling, statistical analysis, and the use of popular libraries like Pandas and Matplotlib, gaining proficiency in analyzing large datasets and generating insights.