Khach Kehyayan

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Education

McMaster University, Hamilton   **Expected Graduation: June 2026**
B.A.Sc. in Computer Science, Minor in Business   *GPA: 3.6/4.0*

Coursework: Software Development, Software Testing, Data Structures, Databases, Algorithms, Design Principles, Computer Architecture, Probability & Statistics, Business Data Analytics, Information Systems, Economics

Technical Skills

Languages: HTML/CSS, JavaScript, Python, Java, SQL, R Programming, Haskell, C/C++, C#, Elm
Frameworks/Libraries: Bootstrap, React, Redux, Jest
Software & Tools: Git, Docker, Power BI, Tableau, Powershell, Office 365, Bash Scripting, MacOS, Windows, Linux
Excel Features: What-If Analysis, Solver, Sensitivity Analysis, TreePlan, Pivot Tables, Functions, Conditional Formatting

Experience

Staples   **June 2022 – Present**
Technology Sales Representative   *Ancaster, ON*

- Consistently exceeded sales targets by effectively promoting and selling extended warranty programs, demonstrating exceptional product knowledge and persuasive communication skills.
- Guided customers towards selecting the most suitable technology solutions to boost their productivity and meet their office needs, leading to improved decision-making and satisfaction.
- Proficiently diagnosed and resolved software and hardware issues on both Mac and Windows computers, contributing to improved customer satisfaction and loyalty.

No Fuss Education   **May 2022 – Present**
Mathematics Tutor   *Remote*

- Achieved a measurable 30% increase in students' math course grades through the creation and implementation of custom-tailored lesson plans, fostering a more engaging and effective learning environment.
- Increased student comprehension and performance in mathematics by implementing personalized tutoring techniques, adapting to individual learning styles.
- Developed interactive mathematics learning applications and visualizers using Java and Elm (Web application programming), effectively imparting in-depth understanding of derivatives and function transformations to students.

Projects

Personal Website | *HTML, CSS, JavaScript, WebStorm IDE. Git*

- Created a dynamic personal website using HTML, CSS, and JavaScript, showcasing my professional skills and portfolio.
- Employed the WebStorm Integrated Development Environment (IDE) to streamline the coding process, ensuring efficient project management and error-free code implementation.

Quadratic Transformations | *Java. Git*

- I 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, fostering an interactive learning experience.
- I integrated the Java app into my math tutoring, enabling students to interact with quadratic function transformations through sliders and immediate visual feedback, enhancing their understanding and engagement.

Sales Analytics | *Power BI, Excel. PDF*

- I converted an extensive dataset of over 1000 rows of sample sales data into a visually appealing and informative dashboard, enabling a thorough exploration of the Q1 sales performance.

Awards & Achievements

Deans' Honour List | *McMaster University*   **May 2022**

- Recognized for attaining a 10.9 out of a 12-point scale, displaying consistent dedication to academic excellence.

Faculty of Engineering Award of Excellence | *McMaster University*   **September 2021**

- Achieved a 96% grade 12 admission average, demonstrating exceptional academic capability and dedication to pursuing higher education in the field of computer science.

Certifications

Meta Front-End Developer Professional Certificate | *Coursera*   **In Progress**

- Attained expertise in modern front-end development, including version control systems, through the Meta Front-End Developer Professional Certificate.