

Mahyar Mahdavi

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SUMMARY OF QUALIFICATIONS

- **Time Management** : Implemented time management strategies by setting goals, prioritizing tasks, and creating to-do lists, resulting in the ability to manage multiple responsibilities effectively and the successful completion of multiple side projects.
- **Teamwork Skills** : Facilitated seamless teamwork by working closely with a group of 4 through weekly meetings and catch-ups, demonstrating strong decision-making, time management, honesty, reliability, goal-setting, flexibility and adaptability to ensure efficient communication and project alignment.
- **Curiosity & Passion for Modern Technology** : Passionate about using technology to create solutions that improve lives, enhance efficiency, and bring ease of mind. Dedicated to leveraging innovation to make everyday experiences more enjoyable, seamless, and stress-free.
- **Communication & Interpersonal Skills** : Engaged with my research advisor on a weekly basis through utilizing active listening, excellent verbal and written communication skills, clarity, being concise, and asking thoughtful questions to ensure alignment, and the successful progression of research with timely completion of milestones.
- **Problem-Solving** : Resolved 40+ customer issues weekly at Khorasan Computer Shop by troubleshooting operating systems, providing clear guidance, and diagnosing technical problems, leading to faster resolutions and improved customer satisfaction.

Technical Skills : Data Analysis, Reporting and Documentation, Microsoft Excel & Word & Power Point, Git/GitHub, Python, Java and OOP, C , Project Management Tools (Jira, Trello), Presentation Skills, Agile & Scrum & Waterfall Methodologies.

EDUCATION

Toronto Metropolitan University (Ryerson University)

2022-2027 Expected

Bachelor of Science (BASC) - Computer Science Co-op Honours

PERSONAL PROJECT

Cardon-AI (Ongoing Project) | [source](#) | *Python, HTML, CSS, Java Script, Figma, Flutter, Dart*

- Developing a comprehensive personal calendar platform with features such as task logging, AI chatbot, and reminders.
 - Employing Python for data processing, Git/GitHub for version control, Figma, CSS, and JavaScript for design, and Flutter for cross-platform development while leveraging self-motivation to explore and implement new technologies.
 - Developing a cross-platform personal calendar using Flutter and Dart programming language, ensuring consistent performance and UI across both iOS and Android devices.
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WORK EXPERIENCE

TimHortons, Supervisor :

Sep 2019- Sep 2022

- Overcame challenges in meeting customer demands during peak hours by utilizing strong time management, customer service, leadership, and communication skills, resulting in improved team performance and operational productivity.

Khorasan Computer Shop, IT Help Desk :

Sep 2018- Sep 2019

- Addressed hardware and software issues such as operating system and network connectivity troubleshooting by applying problem-solving and critical thinking skills resulting in resolved technical challenges and improved customer satisfaction.
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VOLUNTEER EXPERIENCE

Research Assistant, Automated Cell Division Stage Tracking | *Python, Numpy, Pandas*

Sep2024- Apr2025

- Developed automated cell division tracking methods by researching and implementing deep learning models, resulting in improved accuracy and reduced need for human supervision.
- Evaluated multiple deep learning models through self-directed learning and research, ultimately selecting MedSAM, Ultracx, and CellMAPtracer as the most effective solutions.

Peer Note Taker, Computer Science I I | *Java*

Jan2024- Apr2024

- Documented key concepts of Java and object-oriented programming during lectures by utilizing reporting and documentation skills with strong attention to detail, resulting in an enhanced learning experience for other students.