

## EDUCATION

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### Carleton University

2023 – Present

*Bachelor of Computer Science Honours, Business Management Stream, CO-OP*

*Ottawa, ON*

- Recipient of a merit-based scholarship with a second-year standing.
- Elected President of the Students for Global Prosperity club.

## LANGUAGES & TOOLS

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### Languages

- C, C++, Java, Python, JavaScript, TypeScript, Bash, HTML5, CSS3, XML, R, Arabic, Persian.

### Tools & Frameworks

- Node.js, JavaFX, Deno, SQLite, APIs, Git, JSON, Argon2, Linux, VMs, SPSS, WordPress, MongoDB.

## RELEVANT EXPERIENCE

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### Software Implementation Intern

June 2024 – August 2024

*Saudi Optics House*

*Jeddah, Saudi Arabia*

- Engineered and implemented the first database and POS software, seamlessly integrating factories, warehouses, and branches to enhance management oversight and supply chain efficiency.
- Facilitated and orchestrated cross-functional collaboration between management and software vendors, ensuring software integration was tailored to meet business needs through feedback implementation.

### Virtual Reality Host

December 2023 – March 2024

*VR Adventure Zone*

*Ottawa, ON*

- Troubleshoot, resolved, and maintained VR and desktop hardware/software systems, leading to a reduction of downtime and ensuring long-term reliability.
- Managed high-volume customer interactions during corporate and retail events, streamlining customer flow while ensuring customer satisfaction.

### Assistant Web Developer

January 2023 – September 2023

*Bahá'í Internet Agency*

*San Francisco Bay Area, CA – Remote*

- Developed and deployed a fully optimized and dynamic website as part of a development team, continuously maintaining and refining existing sites for peak performance.
- Refined and optimized website performance by debugging, implementing updates, optimizing SEO strategies, and integrating DatoCMS for efficient content management boosting seamless team collaboration.

## PERSONAL PROJECTS

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### MithqalCalculator.com

**Deno 2, APIs, TypeScript, JavaScript, CSS, HTML**

- Engineered a full-stack application leveraging various libraries and real-time APIs to dynamically fetch gold and silver prices alongside currency exchange rates.
- Designed and deployed a multilingual, interactive front-end UI along with a back-end server support system, ensuring seamless API failure handling.

### Code Copier

**Python Scripting**

- Developed a Python script that consolidates code from selected directories and subdir(s) into a single txt file.
- Currently used by students and teams to share and back up code by recursively reading files and replacing non-code files with placeholders, with intuitive user prompts for selection and efficient directory processing.

### Image Blocker Extension

**APIs, JavaScript, JSON, CSS, HTML**

- Developed a browser extension using `declarativeNetRequest` API and `MutationObservers` for both network and DOM-level content filtering, effectively blocking specified URLs and achieving a robust content filter.
- Implemented dynamic rule management with a user-friendly interface, supporting real-time updates, import/export functionality, and seamless integration with Chrome's storage and messaging APIs.