

# Nabeel Rouhani

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## EDUCATION

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### Carleton University

2023 – Present

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

*Ottawa, ON*

- Developed proficiency in C, C++, Java, Python, JavaScript, Node.js, SQLite, Argon2, Deno, JSON, HTML5, XML, CSS3, TypeScript, Bash, Linux, VS Code, IntelliJ, R, SPSS, Git, and VMs.
- Recipient of a merit-based scholarship with a second-year standing.
- President of the Students for Global Prosperity club.

## RELEVANT EXPERIENCE

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### Software Implementation Intern

June 2024 – August 2024

*Saudi Optics House*

*Jeddah, Saudi Arabia*

- Established and codified the first database and POS software for an optical manufacturing and retail company, connecting its factories, warehouses, and branches, enhancing top-down management and supply chain efficiency.
- Orchestrated collaboration between management and software vendors to ensure effective software integration tailored to the company based on applied feedback.

### Virtual Reality Host

December 2023 – March 2024

*VR Adventure Zone*

*Ottawa, ON*

- Diagnosed, resolved, and maintained VR and desktop hardware/software systems, reducing downtime and ensuring long-term reliability.
- Managed high customer volumes during corporate and retail events, optimizing flow while ensuring customer satisfaction.

### Assistant Web Developer

January 2023 – September 2023

*Bahá'í Internet Agency*

*San Francisco Bay Area, CA – Remote*

- Worked with a development team to launch a fully optimized and dynamic website while also maintaining and improving existing websites.
- Optimized website performance by debugging, implementing updates, enhancing SEO, and deploying DatoCMS for content management while ensuring seamless team collaboration.

## PERSONAL PROJECTS

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### MithqalCalculator.com

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

- A full-stack application that utilizes various libraries and real-time APIs to fetch gold and silver prices as well as currency exchange rates.
- Implemented a multilingual and user-friendly dynamic front-end UI, along with a back-end server support system for API failure handling. The static version is live.

### 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.