

Nabeel Rouhani

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EDUCATION

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.

SKILLS

Languages

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

Tools & Platforms

- Node.js, Deno, SQLite, APIs, Git, JSON, Argon2, Linux, Virtual Machines, SPSS, IDEs, WordPress.

RELEVANT EXPERIENCE

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

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.