

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.

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.

WORK EXPERIENCE

Software Implementation Intern

June 2024 – August 2024

Saudi Optics House

Jeddah, Saudi Arabia

- Engineered 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 at corporate/retail events, ensuring customer flow and 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.

Refugee Camp Volunteer

December 2022 – June 2023

Beit Al-Weibdeh

Amman, Jordan

- Assisted in a relief project in coordination with the JHCO during the Turkish-Syrian earthquake crisis, coordinating a humanitarian response to enable effective emergency aid distribution.
- Organized and executed community building activities using the Ruhi Institute, leading to a significant improvement in community engagement and capacity building efforts.

PERSONAL PROJECTS

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. 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.