

MOHAMED ABDULLAHI

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SKILLS

Programming Languages:	Python, Rust, Java, C, C++, TypeScript, Javascript, HTML, CSS, SQL
Frameworks / Technologies:	React, TailwindCSS, FastAPI, PostgreSQL, Supabase, AWS, Git, REST API
Developer Tools:	Visual Studio Code, IntelliJ, Figma, Expo, MySQL, GitHub, Postman API

EDUCATION

Carleton University
B.SC in Computer Science

Ottawa, ON
Expected Graduation - 2026

WORK EXPERIENCE

Canada Revenue Agency

Software Developer Intern • Javascript, VBScript, PostgreSQL

Ottawa, ON
Aug 2024 - Dec 2024

- Developed and maintained responsive web applications using JavaScript, HTML, CSS, and VBScript (WET frontend framework), resolving 95% of reported issues within 24 hours and ensuring compliance with project specifications for 10+ client-facing projects.
- Implemented back-end support for web pages using Active Server Pages (ASP) and optimized Postgres database queries, reducing data retrieval times by 30% and improving overall application performance.
- Collaborated with 5+ team members and 10+ client stakeholders to deliver timely support for web applications, resolving 50+ tickets and integrating user feedback to improve application functionality by 15%.

Canadian Nuclear Safety Commission

Software Developer Intern • React, Python

Ottawa, ON
May 2021 - Sept 2021

- Built a local-first compliance management app with React.js + Tailwind CSS, enabling real-time compliance tracking. Offline-first architecture allowed seamless logging, updates, and auto-sync, reducing manual work by 80%. Saved 200+ hours annually, improving workflow efficiency and compliance reporting by 50%.
- Created a Python library called "XfaConvert" to extract fillable data from interactive PDFs and convert it into CSV, JSON, XML, and YAML formats. The library improved data accessibility and manipulation for a team of 10+ members and was adopted in 2 projects, reducing data processing time by 30%.
- Analyzed 200+ cases of non-compliance data mined from the company website using Python. Cleaned and manipulated the data with Pandas and Numpy, then created visualizations with Matplotlib that uncovered 3 critical patterns, leading to more effective, data-driven decisions during inspections and a 20% improvement in compliance measures.

City of Ottawa

Project Manager

Ottawa, ON
Sept 2019 - May 2020

- Conducted a comprehensive needs assessment by organizing 5 focus groups with 30+ community leaders and residents, going door-to-door to engage with 40+ households, and identifying 10+ critical service gaps. Collected and analyzed data to uncover trends, informing targeted community development initiatives.
- Worked with senior project managers and stake-holders to develop opportunities for families in priority neighborhoods in the Ottawa area.
- Designed and maintained 5+ Microsoft Excel dashboards to streamline the extraction and visualization of key metrics, enabling data-driven presentations for 10+ stakeholders and improving reporting efficiency by 25%.

VOLUNTEERING

VP Finance

Collaborated closely with a team and a finance team of 20+ volunteers to raise money for the fund within a span of 6 months almost raising \$13000 to sponsor children in Somalia towards their education.

Somali Education Fund

Coordinator

Helped facilitate and coordinate events between residents and community workers to ensure fluid programs.

Heron Road Community Centre