

MAX ABDULLAHI

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SKILLS

Languages: Python, Rust, Go, Java, C, Javascript, HTML, CSS, Bash
Frameworks, libraries, tools: Git, PostgreSQL, React, Next.js, Tailwind CSS

EDUCATION

Carleton University Ottawa, ON
Bachelor of Computer Science Expected Graduation - 2026
Blyth Academy Edmonton, Alberta
High School Diploma

WORK EXPERIENCE

Canada Revenue Agency Ottawa, ON
Software Developer Intern 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 Ottawa, ON
Software Developer Intern May 2021 - Sep 2021

- Developed a technical assessment GUI tool that automated data extraction from a 50,000+ entry company dataset, reducing manual efforts by 80% and saving the team 200+ hours annually. The extracted data was integrated into Microsoft Excel, increasing workflow efficiency and improving report generation 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 Ottawa, ON
Project Manager 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 Somali Education Fund
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.

Coordinator Heron Road Community Centre
Helped facilitate and coordinate events between residents and community workers to ensure fluid programs.