

FIYINFOLUWA OYEWOLE

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EDUCATION AND CERTIFICATION

- **Bachelor of Engineering, Systems Design Engineering**
University of Waterloo, Waterloo, ON (2023 – Expected Graduation: 2028)
President's Scholarship: Awarded to High School students with an average > 90%.
Relevant Courses: Digital Computation (C++), Design Software (SolidWorks CAD – **Developed 3D puzzles** including “Build the 6ix,” featuring the CN Tower and nearby buildings, and a “Canadian Goose” puzzle), Computer Architecture, Digital Systems, Data Structures & Algorithms, Human Factors in Design, Circuit Wiring & Designs.
 - **Data Analytics with Python (Micro credential)**
Issued by Canvas Credentials – Badgr (April 2025)
Completed a 4-month course that focuses on data manipulation, visualization, predictive modelling, and statistical analysis and business intelligence.
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EXPERIENCE

Web Design Intern (Media Island Systems, Remote)

Sept. 2024 – Dec. 2024

- Developed and maintained web content using HTML, CSS, and CMS platforms like SquareSpace and Wix.
- Applied front-end optimization techniques and UI/UX principles, improving site engagement by 20%.
- Collaborated with developers using GitHub for version control.
- Performed SEO audits and implemented strategies that improved search rankings.

Mechatronics Engineering Intern (Jitterware Inc.)

Sept. 2024 – Oct. 2024

- An eight-week foundation of robotics program.
- Designed and prototyped a 3D-printed customizable keyboard using Fusion 360, focusing on ergonomics and DFM principles.
- Gained exposure to sheet metal design, material selection, and tolerancing to ensure manufacturing readiness.
- Conducted mechanical analysis and assisted in part sourcing to ensure cost-effective component selection.
- Supported project management activities, documenting technical issues, testing procedures and results to improve development efficiency.

Project Team Member – Microsoft: Azure & Artificial Intelligence Fundamentals (Waterloo Experience (WE) Accelerate Program)

Jan. 2024 – Apr. 2024

- Conducted comprehensive research for a Microsoft project focused on improving an already existing Microsoft Chatbot for Healthcare Guidance.
- Conducted A/B testing and user interaction analysis to refine NLP responses.
- Applied agile project management techniques, such as sprint planning, task tracking ensure timely project execution.

SEO Intern (FreshFind Canada, Remote)

Jan. 2024 – Mar. 2024

- Conducted data analysis to identify key SEO opportunities, improving website rankings by 20%.
- Analyzed user behavior and keyword trends using Google Analytics to inform strategies.
- Authored engaging blog content to drive organic traffic, increasing monthly visitors by 15%.

- Conducted analysis to understand the SEO strategies of industry competitors, identifying gaps and opportunities for FreshFind Canada to improve its search engine ranking.

Engineering Ambassador (University of Waterloo)

Sept. 2023 – Dec. 2023

- Provided tailored advice to prospective students and families, showcasing the university's engineering programs.
 - Conducted tours and webinars, effectively communicating the value of Waterloo's engineering offerings.
 - Facilitated interactive Q&A sessions, drawing on personal experiences and insights to authentically connect with prospective students and help them make informed decisions.
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TECHNICAL SKILLS

- **Programming Languages & Frameworks:** C++, C, TypeScript, Node.js, Angular, React.js, Python, Java, JavaScript, HTML, CSS.
- **CAD & Design:** SolidWorks, Fusion360, 3D-printing, DFM, GD&T, BOM creation.
- **Software & Tools:** Git, GitHub, Visual Studio Code, Figma, Microsoft 365, Azure AI, SquareSpace, Wix
- **Data Analysis:** Python (Pandas, NumPy), Google Analytics.
- **Other Skills:** SEO optimization, Statistical analysis, UI/UX principles, Agile project management, Object-oriented programming, Version Control.

SOFT SKILLS

- Strong analytical and problem-solving abilities, demonstrated through complex project work and internships.
- Leadership and teamwork demonstrated through engineering projects, and ambassador role.
- Experience managing tasks, timelines, and deliverables in both collaborative and independent settings.
- Demonstrated ability to adapt in fast-paced, deadline-driven environments while maintaining quality and attention to detail.
- Collaboration and cross-functional communication, honed through complex engineering challenges.