

Fayissa Watta

Vancouver, BC

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EDUCATION

Victoria, BC

University of Victoria

August 2023

- **Major:** BSc in Computer Science
- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Database Systems, Computer Networks, Systems Analysis, Cyber Security, Cryptography

EXPERIENCE

Data Analyst

DarkVision

April 2024 - Present

- Analyze high-resolution ultrasound datasets from downhole inspections to assess well integrity, identifying casing deformation, corrosion, erosion, and perforation anomalies with sub-millimeter precision.
- Utilize DarkVision's proprietary visualization platform, alongside MATLAB, Python, ParaView, and Meshmixer, to convert terabyte-scale acoustic data into actionable engineering insights.
- Apply human-in-the-loop machine learning workflows to enhance feature detection, measure defect dimensions, and ensure analytical consistency across projects.
- Produce client-facing deliverables including technical reports, 3D models, spreadsheet data, and video renderings to support field operations and remediation planning.
- Lead and contributed to over 40+ rapid-deployment projects generating over \$1 million in revenue across on/offshore and international operations, delivering on-scope, on-time results in a fast-paced, high-accountability environment.

Retail Associate

Lululemon

October 2023 – October 2024

- Engaged in personalized guest interactions to provide tailored purchase guidance and effective solutions.
- Educated customers on Lululemon products, enhancing their understanding and decision-making.
- Maintained the store's premium environment through strategic product presentation and upkeep.
- Utilized in-store technology to streamline operations and enrich customer interactions.

Technology Analyst

Roba Ethiopia

April 2022 – Present

- Served as the principal point of contact for IT support, overseeing and executing an array of tasks including the installation, configuration, upgrade, and maintenance of both hardware and software systems.
- Provided comprehensive application and network support, resolving device, account, and connectivity issues.
- Managed and updated the organization's website using WordPress, HTML, CSS, and JavaScript, ensuring content accuracy and timeliness.
- Contributed to project proposal development and grant research, aiding in funding acquisition and project logistics.

Programs Assistant

Encompass Support Services Society

June 2018 – February 2020

- Supported various programs and projects for children, youth, and families in different locations.
- Managed and executed social media strategy using Facebook, Twitter, and Instagram.
- Created social content and graphics that matched the organization brand and vision.
- Maintained and updated agency websites.

PROJECTS

MusicViz

Developed a web-based music visualizer using HTML5 and JavaScript, leveraging the Web Audio API for real-time audio processing and the Canvas API for dynamic rendering. The application allows users to upload and visualize audio files, representing frequencies as smooth, wave-like patterns.

SKILLS

- C++/C, Python, SQL, JavaScript | Linux, Git, MySQL, ReactJs, ThreeJs