

Nsika Dlodlu

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Education

College of Idaho

Bachelor's Degree: Computer Science

Specialization: Data Science

Relevant Coursework: Multiple Regression Analysis, Applied Calculus, Discrete Mathematics, Programming Languages, Applied Databases, Design & Analysis of Algorithms, Numerical Computation.

Caldwell, ID

Graduation Date: 12/2024

Waterford Kamhlaba UWC

International Baccalaureate Diploma

Swaziland, Mbabane

Graduation Date: 12/2019

Experience

Exor Petroleum

Position: Database Developer

Swaziland, Manzini

5/2024 – 8/2024

- Heading the creation and management of company databases in handling the import and distribution of fuel in Eswatini.
- Developing the intuitiveness of a database that needs to be scalable with SQL.
- Managing the relationships between company product, management and analysis.

College of Idaho

Position: Web Developer

Caldwell, ID

2/2024 – 5/2024

- Identifying areas of improvement in existing websites.
- Elevating user experience and functionality by optimizing limited HTML software.
- Practicing an iterative development process- namely the interactive museum websites and the academic advising page.
- Oversaw the ticketing system operations and effectively coordinated team assistants.

Leadership & Activities

Freelancing

Remote

5/2024 – 8/2024

- Building an open data resource repository web application using React and JavaScript.
- Studying and Developing LLM predictive text structures- attempting to find non-labor-intensive mathematical repetition and reward models.

Skills & Interests

Technical: Data Structures and Algorithms, Web Building, Database Architecture, Machine Learning, AWS and Data Science

Programming Languages: Python, JavaScript, R, CSS, HTML, SQL

Language: English, Siswati, Zulu