

ZANDILE PEARL DLAMINI

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PROFESSIONAL SUMMARY

BSc Forestry and Natural Resource Sciences graduate (Stellenbosch University, December 2025) with hands-on field experience in environmental data collection, fieldwork, and equipment maintenance gained through the Euxylo Programme. Skilled in GIS software (ArcGIS, QGIS), Python (Google Colab) for data analysis, and Microsoft Office, with strong report-writing ability. Holds a chainsaw operator certification and a valid Code 8 driver's licence. Proven leadership and community involvement, including peer education on health, financial literacy, and youth empowerment. Seeking an entry-level role such as Forester in Training, or a graduate programme in forestry, conservation, or agriculture.

EDUCATION

BSc Forestry and Natural Resource Sciences

Graduated December 2025

- Coursework spanned biological sciences, soil science and biometry, silviculture, forest management and engineering, GIS and remote sensing, fire management, and tree breeding.
- Fourth-year capstone work included compiling a forest management plan, an applied environmental management project, and an annual plan of operations (APO).

National Senior Certificate (Matric)

2020

- Core subjects: Physical Sciences, Life Sciences, Geography, Mathematics.

TECHNICAL SKILLS

- GIS Software: ArcGIS, QGIS
- Data Analysis: Python (Google Colab)
- Microsoft Office: Word, Excel, PowerPoint
- Field Skills: Forest data collection, environmental field surveys, equipment maintenance
- Certifications: Chainsaw Operator Certification
- Other: Valid driver's licence (Code 8); strong report writing

EXPERIENCE

Field Assistant / Intern — Euxylo Programme, Stellenbosch University

May – Dec 2025

- Conducted fieldwork involving forest and environmental data collection in support of programme research objectives.
- Performed routine maintenance on solar panel installations to ensure consistent equipment functionality.
- Assisted with data recording and organisation to support ongoing research and monitoring efforts.
- Collaborated with a team in outdoor, field-based settings under varying environmental conditions.

Plantation Management Practical — PG Bison, Ugie

2-week placement

- Observed and assessed forestry and plantation management practices over a two-week in-field placement.
- Compiled a management plan for the plantation, applying forestry knowledge to evaluate existing operations.
- Developed and presented recommendations to improve plantation practices based on field observations and analysis.
- Assisted in drawing up budgets and assessed the potential financial and operational impact of proposed recommendations.

LEADERSHIP & COMMUNITY INVOLVEMENT

Peer Educator / Member — Isaac Gold (NGO)

- Participated in school-based awareness initiatives addressing teenage pregnancy, substance abuse, and HIV/STI prevention.
- Supported peer-to-peer education efforts promoting healthy decision-making among learners.

YES Programme (Youth Employment Service)

- Completed financial literacy training, building skills in budgeting, savings, and personal financial management.

ACHIEVEMENTS

- 1st Position — Mathematics (High School)
- 1st Position — Life Orientation (High School)
- 1st Position — Natural Sciences (High School)

ADDITIONAL INFORMATION

- Available for fieldwork, relocation, and travel as required.

- Languages: English, Zulu, Tswana