# Curlin Louw

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## EDUCATION

**Willow Crescent Secondary School.** Johannesburg*, South Africa*          01/2014 – 12/2019

Grade 12 – Admission to Bachelors

Relevant Modules

- English Home Language
- Life Orientation
- Life Science
- Tourism
- Afrikaans First Additional Language
- Mathematical Literacy
- Geography

**Richfield Graduate Institute of Technology.** Johannesburg*, South Africa*          02/2020 – 12/2023

Bachelor's Degree in Science Information Technology

Relevant Modules

- Artificial Intelligence
- Mobile App Development
- Big Data and IoT
- Machine Learning
- Cloud Computing
- Mathematics
- Cyber Security
- Programming I, II, III

## EXPERIENCE

**Educator's Assistant – Willow Crescent Secondary School.** *Johannesburg, South Africa*          01/2021 – 12/2023

- Assisted educators in research tasks, locating academic resources, compiling bibliographies, and preparing materials for lessons or presentations.
- Assisted in preparing and implementing lesson plans, grading assignments, and facilitating discussions.
- Help with administrative duties such as record-keeping, scheduling, and coordinating events or workshops within the department.
- Organize and maintain teaching materials, including books, supplementary texts, and digital resources.
- Collaborate with educators to incorporate Information and Communications Technology (ICT) tools into lessons, assisting with digital platforms, online research methods, and helping students navigate technology for all their subject needs

**Information Technology Enabler – Edunova.** *Johannesburg, South Africa*          10/2021-09/2022

- Conduct training sessions and create resources to educate teachers and learners on IT tools, cybersecurity best practices, and new technologies.
- Provide assistance to teachers and students with hardware, software and desktop support, facilitating smooth learning experiences.
- Oversee the maintenance and functionality of educational software systems used for administration, grading and student records.
- Assist in the procuring and managing school technology assets, including computers, tablets, projectors, and other educational tools.
- Collaborate with educators to integrate technology into lesson plans, supporting the use of educational software and tools in the classroom.
- Training in Microsoft Office applications, basic PC technician and Facilitation skills
- Introduction to Microsoft Technical Assistant and CompTia fundamentals.
- Soft Skills Training (Project Management, Teamwork, Time Management, Financial Management, etc)

## PROJECTS

**High School Moodle LMS.**

**Basic Platform Setup:**
- Install and configure Moodle on a hosting server.
- Select and customize themes to align with the branding requirements.

**Course Creation and Structuring:**
- Develop course outlines, organize course content, and create categories for easy navigation.
- Add and format course resources (text, video, images) and activities (quizzes, assignments).

**User Management:**
- Create and manage user roles (students, teachers, administrators).
- Enroll and track student progress using Moodle's built-in tools.

**Customization:**

- Modify site pages, blocks, and menus to enhance the user interface.
- Utilize plugins and extensions to add desired functionalities.

**Integration and Security:**
- Integrate Moodle with other platforms (e.g., Zoom, Google Meet).
- Ensure data security, perform regular updates, and monitor for issues.

**Feedback and Improvement:**
- Gather user feedback for course and site improvement.
- Analyze course completion rates and engagement to improve content delivery.
- Impact: Created a communication hub for school stakeholders, improving outreach by 40%.

**School Based Website .**
- Provide a centralized platform for school news, events, announcements, and important updates.
- Design a responsive, accessible, and easy-to-use interface for all users.
- Create opportunities for students, parents, and staff to connect and access resources.
- Outcome: Enabled over 200 students and teachers to seamlessly access educational content and online tools.
- Establish a visually appealing site reflecting the school's values and modern approach to education.

## SKILLS

**Languages**
English – Native Proficiency
Afrikaans – Native Proficiency

**Certifications**
- HTML Essentials Training
- CSS Essentials Training
- Programming Foundations

**Technical Skills**
- Web Development – HTML, CSS, JavaScript, PHP
- Programming Languages: C#, Java, SQL,VB.NET,

**Environments & OS**
- Windows OS