

CODNELL CHABALALA

Pretoria, South Africa

Phone: 065 636 9815 | Email: codnellsmall@gmail.com

LinkedIn: [linkedin.com/in/codnell-chabalala-166b48213](https://www.linkedin.com/in/codnell-chabalala-166b48213) | GitHub: github.com/Napster-12

Portfolio: <https://codnell-portfolio.onrender.com>

PROFESSIONAL PROFILE

Analytical and detail-oriented Electrical Engineering (Computer Systems) graduate with experience in software development, data analysis, and IT support. Proficient in Python, SQL, data cleaning, and visualization, with practical exposure to troubleshooting and system administration. Passionate about transforming raw data into actionable insights and developing technology-driven solutions to enhance operational efficiency.

EDUCATION

Diploma in Electrical Engineering – Computer Systems

Vaal University of Technology | 2021 – 2025

TECHNICAL SKILLS

- **Programming & Software Development:** Python (data analysis, scripting, file handling, basic OOP), clean and modular coding practices, debugging and troubleshooting, understanding of SDLC, Git version control.
- **Data Science & Analytics:** Data cleaning and preprocessing, exploratory data analysis (EDA), SQL (SELECT, JOIN, GROUP BY, aggregations), working with CSV/Excel datasets, basic statistics, dashboards and reporting.
- **Tools & Technologies:** Jupyter Notebook, Microsoft Excel (formulas, pivot tables), Office 365, GitHub, basic command line usage.
- **IT Support & Systems:** Hardware/software troubleshooting, desktop installation and configuration, printer/peripheral setup, IP addressing and connectivity troubleshooting, system maintenance.
- **Database Knowledge:** Relational database fundamentals, normalization basics, writing and optimizing queries.

PROFESSIONAL EXPERIENCE

WIL Intern – Moepi Publishing (Aug 2025 – Jan 2026)

Departments: IT Support, Junior Software Development, Data Science

- Rotated across IT Support, Software Development, and Data Science teams.
- IT Support: Provided first-line technical support; installed and configured desktops and peripherals; performed preventative maintenance.

- Junior Software Development: Assisted in developing, testing, debugging, and deploying software applications.
- Data Science: Conducted data cleaning, transformation, and analysis using Python and Excel; generated reports and visualizations.
- Documented technical processes and solutions for reporting and knowledge sharing.

ACADEMIC PROJECTS

- Developed a Python-based system to process and analyze structured datasets.
- Designed a microcontroller-based system for capturing and interpreting sensor data.
- Created basic data dashboards and visualizations for reporting.

CORE COMPETENCIES

- Strong analytical and logical thinking
- High attention to detail and data accuracy
- Clear written and verbal communication
- Teamwork and adaptability

REFERENCES

- L. Roos – VUT WIL Coordinator | 015 950 7557 | louwrensr@vut.ac.za
- M.A. Ramapuputla – Moepi Publishing Mentor | 081 321 8650 | info@moepipublishing.co.za