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JAN-PAUL VAN DEN BERG



PROFILE

I am a motivated BSc Information Technology student with a strong academic record and hands-on experience in programming, tutoring, and digital literacy instruction. I am skilled in Java, C++, C#, Python, SQL, and networks. Passionate about problem-solving and eager to contribute to innovative projects.

ACTIVITIES AND INTERESTS

- Rock Climbing
- Guitar
- Swimming
- Chess
- Coding
- Programming Tutor

KEY SKILLS

- **Programming Languages:** Python, MySQL, C#, C++, Java, HTML
- **Database Systems:** SQLite, MySQL, SQL Server
- **Networking Tools:** Cisco Packet Tracer, OSI model understanding
- **Systems Design:** UML, EERD, Crow's Foot notation
- **Software:** Visual Studio, Oracle SQL Developer, Git

WORK EXPERIENCE

Private Tutor / Exam Preparation Support

North-West University | Potchefstroom
2025

- Tutored peers and students in Python, SQL, and database concepts
- Built interactive exam prep tools covering string manipulation, list operations, and SQLite handling

Computer Literacy Class Teacher

North-West University | Potchefstroom
2025

- Assisted in teaching basic computer skills to adult learners and beginners
 - Guided learners on using Microsoft Word, Excel, Internet browsers, and email
 - Helped improve digital literacy in the community through patient, hands-on support
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EDUCATION

Bachelor of Science in Information Technology

North-West University

Expected Graduation Year: 2025

Notable Modules

- Object Oriented Programming - 86%
- Apps And Advanced User Interface Programming – 75%
- Databases – 71%
- Artificial Intelligence – 72%
- Networks 76%

Monument High School, Krugersdorp, Gauteng

National Senior Certificate

Graduation Year: 2022

ACHIEVEMENTS

- Top 10 academic ranking in high school (85% average)
- Top of class in Information Technology in High School
- Achieved 5 distinctions
- Selected for tutoring and teaching assistance roles
- Apart of the group that won the 48-hour Arcademia Game Jam
<https://brnw.ch/21wTgds>