SYDNEY THAPELO RAKOMANA

PRETORIA, 0001, South Africa

+27 71 170 4120

sydneythapelo04@gmail.com

ABOUT ME

I'm an aspiring Computer Science graduate, set to complete my degree at the end of the year, 2025. My studies, starting in 2022, have equipped me with strong programming and software development skills. I'm eager to fulfill the work-integrated learning component and contribute to forward-thinking organizations. 4o mini

LANGUAGES

ENGLISH

ISIZULU

TSHIVENDA

SETSWANA

TSONGA

REFERENCES

DR TM TSHILONGAMULENZHE
Tshwane University Of Technology
T: +27 72 856 2032
E: TshilongamulenzheTM@tut.ac.za

DR ND CHUENE
Tshwane University Of Technology
E: chuenend@tut.ac.za

MR M LIEBENBERG
Tshwane University Of Technology
T: +27 12 382 9596
E: liebenbergm@tut.ac.za

EDUCATION

BOKGAGA HIGH SCHOOL
TZANEEN
2021

National Senior Certificate

TSHWANE UNIVERSITY OF TECHNOLOGY
PRETORIA
2025

Diploma

I have developed strong skills in programming languages like Java, Python, and SQL, with experience in full-stack web development (Java EE, JSP/Servlets, MySQL, PostgreSQL) and mobile app development using Jetpack Compose and Kotlin. I've gained practical knowledge in software architecture, design patterns, and agile methodologies. My academic projects and team collaborations have sharpened my ability to create innovative solutions, adapt to new technologies, and work efficiently in dynamic environments, making me a valuable asset to any organization.

SKILLS

JAVA PROGRAMMING	OBJECT-ORIENTED PROGRAMMING
CSS	JAVA SCRIPT
SQL	HTML
DATABASE PROGRAMMING	MYSQL

COMPETENCIES

Technical Competencies:

- **Programming Languages**: Java, SQL, Kotlin
- **Web Development**: Full-stack development (Java EE, JSP/Servlets, HTML, CSS, JavaScript, MySQL, PostgreSQL)
- **Mobile Development**: Android app development using Jetpack Compose and Kotlin
- **Database Management**: MySQL, PostgreSQL, Database design and optimization
- **Software Architecture & Design**: Object-Oriented Design, MVC, MVC, Design Patterns, RESTful APIs
- **Version Control**: Git, GitHub, GitLab
- **Development Tools**: Android Studio, Visual Studio Code, Netbeans
- **Problem Solving**: Algorithm design, Data structures, Debugging and testing

Soft Competencies:

- **Team Collaboration**: Experience working in diverse, cross-functional teams
- **Communication**: Effective written and verbal communication with stakeholders
- **Adaptability**: Ability to quickly learn and apply new technologies
- **Time Management**: Managing multiple projects and deadlines efficiently
- **Critical Thinking**: Ability to analyze complex problems and design effective solutions
- **Leadership**: Leading small teams on academic projects and assignments

REPUBLIC OF SOUTH AFRICA
NATIONAL IDENTITY CARD

Surname:
RAKOMANA
Names:
SYDNEY THAPELO
Sex:
M
Nationality:
RSA
Identity Number:
0406025368084
Date of Birth:
02 JUN 2004
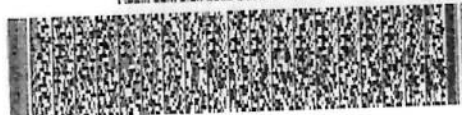Country of Birth:
RSA
Status:
CITIZEN

Signature.

Conditions:
This card has been issued by the
Department of Home Affairs in terms of the
Identification Act, Act 68 of 1997

If found please return to the Department of Home Affairs
For enquiry or verification purposes contact 0800 60 11 90

Date of issue
05 DEC 2020

114170791

I CERTIFY THIS DOCUMENT IS A TRUE COPY OR PRINT OF THE
ORIGINAL DOCUMENT
FURTHER CERTIFY THAT NO ALTERATION OR ADDITION HAS BEEN
MADE TO THE ORIGINAL DOCUMENT.

SIGNATURE

MJ MUTSI
NAME IN PRINT

7191 7697
PERSONAL NUMBER

CAPTAIN
RANK

REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

SYDNEY THAPELO RAKOMANA

Identity number 0406025368084

Exam number 7210843070068

Subject	%	Achievement level
Sepedi Home Language	64	5
English First Additional Language	71	6
Mathematics	53	4
Life Orientation	83	7
Geography	63	5
Life Sciences	69	5
Physical Sciences	50	4
***************************	***	*
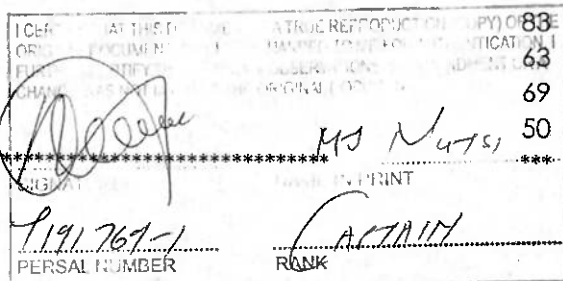
This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2021

M.S. Rakometsi

Chief Executive Officer

This certificate is issued without alterations or erasure of any kind

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UMALUSI

Council for Quality Assurance in
General and Further Education and Training
South Africa

2722752

(See reverse for more information)

Academic Transcript

Issuing Institution : Tshwane University of Technology PRODI41
Name   : RAKOMANA SYDNEY THAPELO
Student Number   : 223516246
Identity Number   : 0406025368084

Date Of Birth : 02-JUN-2004

Year : 2022 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
Designator : N/A
Qualifier : COMPUTER SCIENCE
YEAR (JAN-DEC)

Subject	Mark	Result		National Level	National Credit
COMMUNICATION FOR ACADEMIC PURPOSES	62	PASS		05	10.00
COMPUTING FUNDAMENTALS A	76	PASS WITH DISTINCTION		05	15.00
COMPUTATIONAL MATHEMATICS	66	PASS		05	15.00
INFORMATION LITERACY	74	PASS		05	3.00
LIFE SKILLS	64	PASS		05	2.00
PRINCIPLES OF PROGRAMMING A	75	PASS WITH DISTINCTION		05	15.00

Year : 2023 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
Designator : NOT APPLICABLE
Qualifier : COMPUTER SCIENCE
FIRST SEMESTER (JAN-JUN)

Subject	Mark	Result		National Level	National Credit
COMPUTING FUNDAMENTALS B	81	PASS WITH DISTINCTION		05	15.00
WEB COMPUTING	79	PASS WITH DISTINCTION		05	15.00

SECOND SEMESTER (JUL-DEC)

Subject	Mark	Result		National Level	National Credit
DISCRETE STRUCTURES	84	PASS WITH DISTINCTION		05	15.00
PRINCIPLES OF PROGRAMMING B	67	PASS		05	15.00

Year : 2024 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
Designator : NOT APPLICABLE
Qualifier : COMPUTER SCIENCE

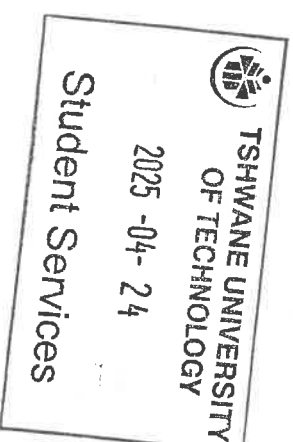# Tshwane University of Technology

We empower people

Issuing Institution : Tshwane University of Technology PRODI41

Academic Transcript

Continued From Page 1

Name : RAKOMANA SYDNEY THAPELO
Student Number : 223516246
Identity Number : 040602536808084

Date Of Birth : 02-JUN-2004

Subject	Mark	Result		National Level	National Credit
FIRST SEMESTER (JAN-JUN)					
ADVANCED DISCRETE STRUCTURES	91	PASS WITH DISTINCTION		06	15.00
COMPUTER ARCHITECTURE AND ORGANISATION	70	PASS		06	15.00
DATABASE PRINCIPLES	75	PASS WITH DISTINCTION		06	15.00
OBJECT-ORIENTED PROGRAMMING	81	PASS WITH DISTINCTION		06	15.00
SECOND SEMESTER (JUL-DEC)			National Level		National Credit
ADVANCED OBJECT-ORIENTED PROGRAMMING	80	PASS WITH DISTINCTION		06	15.00
INFORMATION SECURITY	71	PASS		06	15.00
OPERATING SYSTEMS	76	PASS WITH DISTINCTION		06	15.00
SOFTWARE ENGINEERING FUNDAMENTALS	57	PASS		06	15.00

Year : 2025 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
Designator : NOT APPLICABLE
Qualifier : COMPUTER SCIENCE

| Subject	Result		National Level	National Credit
FIRST SEMESTER (JAN-JUN)				
DATABASE PROGRAMMING	NO RESULT		06	15.00
INTERNET PROGRAMMING	NO RESULT		06	15.00
MOBILE COMPUTING	NO RESULT		06	15.00
SOFTWARE PROJECT	NO RESULT		06	15.00

I hereby declare that RAKOMANA SYDNEY THAPELO
was a registered student at this university during the above mentioned
years and that his / her conduct was satisfactory.

FOR REGISTRAR

24-APR-2025

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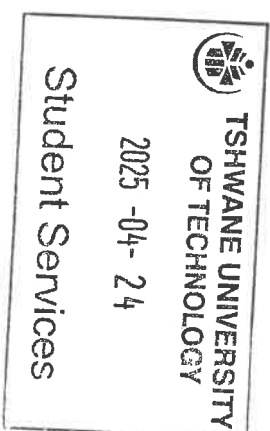
Tshwane University of Technology

We empower people

Academic Transcript   Continued From Page   2

Issuing Institution : Tshwane University of Technology PRODI41
Name   : RAKOMANA SYDNEY THAPELO
Student Number   : 223516246
Identity Number : 040602536884   Date Of Birth : 02-JUN-2004

*National Level Key
10 - Higher Certificate
11 - Advanced Certificate, Diploma

TSHWANE UNIVERSITY
OF TECHNOLOGY

2025 -04- 24

Student Services

Last Page

**Faculty Information and Communication Technology
(SOSHANGUVE CAMPUS) – Computer Science Department**

Enquiries: Mr V Memani   **MemaniV@tut.ac.za**

Tel: 012-382 9749   **Private Bag X07, Pretoria North, 0116**

TO WHOM IT MAY CONCERN

Pre-WIL Recommendation Letter for WOC316D

The letter certifies that the student below is a potential graduate for Diploma in Computer Science from the Tshwane University of Technology.

Student Name:	ST Rakomana
Student Number:	223516246

It is my pleasure to recommend the student for pre-WIL exposure. After successful completion of studies this semester, the student will be at liberty to undertake full WIL and register it for successful completion of the diploma.

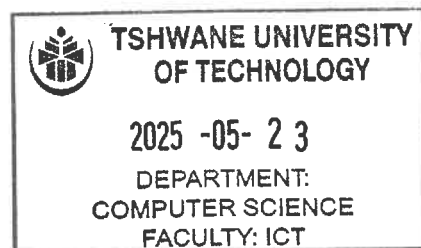The major fields of study in this diploma are:

- Software Development (Programming)
- Mobile Development
- Business Analysis and Modelling
- Database Development and Administration

For the pre-WIL training to add value to the student, we suggest that the students be assigned tasks and responsibilities that are aligned to the field of study. It is to be noted that the above-mentioned fields of study are only a guideline in this regard, any other Information Technology (IT) oriented projects and task may also be accepted.

The student has consistently demonstrated an ability to rise to any challenges that he/she may face in his/her academic studies or any other endeavour.

In conclusion, I would like to state my strong recommendation for the student. If you have any further questions regarding his/her ability or this recommendation, please do not hesitate to contact me or my office using the information on this letter head.

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**Kind Regards,
Vuyisile Memani
Faculty: ICT and Department - Computer Science
Lecturer and WIL Manager
Building 12-114
Tel: 012 382 9749 (082 620 4347)**

TSHWANE UNIVERSITY
OF TECHNOLOGY

2025 -05- 2 3

DEPARTMENT:
COMPUTER SCIENCE
FACULTY: ICT

23/05/2025