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Pietermaritzburg, South Africa
3217

EDUCATION

Honors in Astrophysics:
Science
University of Cape Town,
Cape Town, March 2023

- Awarded South African Radio Astronomy Observatory Full Scholarship.

Bachelor of Science: Science
University of Cape Town,
Cape Town, July 2021

- Triple major in Mathematics, Physics & Astrophysics.
- Dean's List Honoree, 4 semesters.
- Graduated with distinction in Astrophysics.
- Awarded UCT Science Faculty Scholarship.

High School Diploma
ML Sultan Secondary School,
Pietermaritzburg, January
2017

- 3.6 GPA
- Recipient of the DUX Award
- Awarded Sasol Inzalo Full Scholarship.
- Received Bronze medal in Eskom Science Expo

EMMANUEL KUNENE

PROFESSIONAL SUMMARY

Astrophysics Honors graduate with a strong foundation in data analysis, interpretation, and visualization. Proficient in statistical analysis and adept at applying critical thinking and problem-solving skills to complex scientific challenges. Skilled in mathematical modeling and experienced in research and scientific writing. Possesses a versatile set of programming languages, including Python, MATLAB, R, Octave, and LabView. Additionally, holds expertise in digital marketing, combining analytical rigor with creative problem-solving. Accomplished in web development and graphic design. A dedicated professional with a passion for exploring the mysteries of the universe and a proven ability to communicate complex concepts effectively. Seeking to leverage a unique blend of scientific and technical skills to contribute to cutting-edge research or innovative projects in a dynamic professional environment.

SKILLS

- Data Analysis and Interpretation
- Data Visualization
- Statistical Analysis
- Critical Thinking & Problem Solving
- Web Development & Graphic Design
- Mathematical Modeling
- Research and Scientific Writing
- Programming Languages: [Python, MATLAB, R, Octave, LabView]
- Digital Marketing

WORK HISTORY

Accounting Firm, J Theron - Intern

- Undertook a work experience opportunity facilitated by my educational institution to gain insights into professional work environments.
- Acquired firsthand knowledge of daily operations within an accounting firm and developed an understanding of key aspects of accounting practices.
- Executed various work-related tasks, demonstrating a proactive approach and a willingness to contribute to team efforts.

University of Cape Town - Reception Clerk, Cape Town

- Provided exceptional customer service and administrative support in a fast-paced academic environment.
- Maintained accurate records and databases, and developed strong interpersonal skills, attention to detail, and ability to multitask in a high-demand setting.

Freelance Web Developer & Graphic Designer

- Developed and implemented visually appealing and user-friendly websites using industry-standard technologies and programming languages.
- Proactively identified and resolved technical issues, and maintained regular communication with clients throughout the development process.

LANGUAGES

English

Bilingual or Proficient (C2)

IsiZulu

Bilingual or Proficient (C2)

Xhosa

Intermediate (B1)

- Utilized graphic design skills to create visually compelling designs for various projects, ensuring alignment with client specifications and brand aesthetics.
- Developed engaging visual content using tools such as Canva and Adobe Suite, contributing to effective digital communication.
- Collaborated with clients to understand their design preferences and delivered customized solutions, as well as thrived in a fast-paced and dynamic freelance environment, demonstrating adaptability, time management, and excellent project management skills.

Freelance Digital Marketing Specialist

- As a freelancer, played a key role in promoting the Scanner & Translator app by Nayer Abu Soud (1M+ downloads), leveraging digital marketing strategies to enhance visibility and user engagement.
- Managed successful email campaigns for globalscarves.com, contributing to increased brand awareness and customer engagement.
- Demonstrated a strategic approach to digital marketing, combining analytical skills with creativity to achieve effective promotional outcomes.

ADDITIONAL INFORMATION

Secretary | Christians on Campus UCT Club, University of Cape Town

- Spearheaded administrative responsibilities, including the meticulous handling of documents and maintenance of comprehensive club records.
- Demonstrated exceptional organizational and coordination skills, contributing to the overall effectiveness and professionalism of club operations.
- Played a key role in fostering effective communication within the club, ensuring that members were well-informed and engaged in various activities, as well as organizing and ensuring the seamless and efficient execution of club meetings.

Professional Development Program | Sasol

- Engaged in an enriching professional development program with Sasol, participating in a series of workshops focused on fostering key workplace skills.
- Attended workshops that covered essential aspects such as Work Ethics, Workplace Readiness, and Time and Stress Management.
- Applied acquired knowledge to enhance personal and professional skills, as well as gained valuable insights into industry best practices, contributing to a well-rounded understanding of effective work strategies and ethical conduct.

VOLUNTEER-EXPERIENCE

- Volunteer, UCT Students' Health and Welfare Centers Organization

HOBBIES

- Content Creation: [Youtube, TikTok, Instagram, Investment Courses on Udemy]
- Book Reading
- Mixed Martial Arts

This is an **electronic copy** of the original certificate issued by the University of Cape Town
All signatures are embedded. The certificate is issued without erasure or additions.

Issued on: **13 JULY 2021**

For verification of this qualification, navigate to <https://publicaccess.uct.ac.za> or contact reg-records@uct.ac.za



We certify that

Siphiwe Emmanuel Kunene

was admitted to the degree of

Bachelor of Science

on 13 July 2021

*majoring in Physics, Astrophysics and Mathematics and that the degree was awarded with
distinction in Astrophysics*

Handwritten signature of M. Thakeng in black ink.

Vice-Chancellor



Handwritten signature of Royston Pillay in black ink.

Registrar