

Madikizela Will

Cell: 082 611 1322, **email:** madikizelawill2@gmail.com

LinkedIn: [linkedin.com/in/will-madikizela](https://www.linkedin.com/in/will-madikizela)

Profile

As a highly organized and committed professional, I consistently deliver successful project outcomes. I possess a remarkable ability to remain composed and productive in high-pressure situations, even when working within strict time constraints. I recognize the critical importance of effective time management and excel at prioritizing tasks without compromising on quality or quantity. My unwavering self-discipline ensures the timely completion of all assignments, irrespective of their complexity or competing demands.

With a deep passion for advancing my career in corporate computing, I devote significant effort to continually improving my IT skills in my spare time. As a dedicated and enthusiastic learner, I constantly seek out opportunities to enhance my knowledge and capabilities, striving to remain up-to-date with the latest software and technologies. By investing in my professional growth, I aim to increase my value to the organization and the colleagues I collaborate with.

Overall, I am committed to delivering the highest standards of performance and continuously advancing my skills to deliver greater results for my team and organization.

Education

University of Cape Town

Bachelor's degree in Computer Science and Business Computing

Bizana Village Senior Secondary School

National Senior Certificate, 82%

Honors & Awards

Dean's Merit List – University of Cape Town

November 2019

Awarded for Academic Excellence

Certificate of Achievement – Bizana Village Senior Secondary School

June 2018

Grade 12 – Term 2 – 2018 – Position 3 Overall Achiever with 78.29%

Member of Golden Key International Honour Society - Golden Key International Honour Society

Jun 2021

UCT Plus Silver 45-Hour Role Modeling Leadership - University of Cape Town

November 2020

UCT PLUS is a leadership award program that formally recognizes students' extracurricular work on their transcripts. The program has various pathways and students who are in elected positions, peer mentors, and evidence tutors.

Certificate of Recognition - University of Cape Town

Apr 2022

This certificate confirms that I have completed the 2022 Orientation Leader Training Program and participated as an Orientation Leader.

Certificate of Recognition - University of Cape Town

Sep 2020

For dedicated service to Leo Marquard Hall and the mentees for the year 2020.

Certificate of Achievement - University of Cape Town

Sep 2021

For exemplary leadership as Head Mentor of Leo Marquard Hall

Licenses & Certificates

Programming Foundations: Databases • Managing Time • Parallel and Concurrent Programming with Java 1 • Atomic Habits • React.js Essential Training • Learning Git and GitHub • Typescript Essential Training • Learning Typescript • Learning End-to-End Testing with Jest • Member of Golden Key International Honour Society • CSS

Experience

Software Engineer Intern

MOHARA • Internship

Jan 2023 - Feb 2023 • 2 mos

Cape Town, Western Cape, South Africa • **Hybrid**

My internship as a software engineer provided me with a comprehensive foundation in back-end web development, JavaScript, unit testing, team building, and collaboration tools like Bitbucket, Atlassian Suite, GitHub, and Git. These experiences have prepared me to contribute effectively as a software engineer, enabling me to develop innovative solutions and work collaboratively in a professional setting.

Skills: Bitbucket · Atlassian Suite · Node.js · Back-End Web Development · JavaScript · Unit Testing · Team Building · Teamwork · GitHub · MySQL · Git · TypeScript · Jest

Unity Game Developer Intern

Sozo Labs · Internship

Jan. 2023 - Feb 2023 · 2 mos

Stellenbosch, Western Cape, South Africa · **Remote**

I had the opportunity to participate in a comprehensive training program that encompassed a variety of skills essential to the gaming industry. The program spanned over three weeks, with the first week being dedicated to an intensive course on Unity Game Engine development using C# programming language. Through this course, I acquired fundamental knowledge and skills to create 3D games in the Unity environment.

Following the completion of the Unity Game Engine course, I was then allowed to showcase my skills by participating in a Game Jam. This experience enabled me to develop and refine my abilities in brainstorming, planning, and coding my own game from conception to presentation to the company.

In addition to the technical training, I also attended company meetings that gave me valuable insights into the inner workings of the organization. I gained exposure to different projects and had the opportunity to learn about the company's structure, management style, and decision-making processes.

Overall, the internship program provided me with a dynamic and immersive learning experience that has greatly enhanced my skills and knowledge within the gaming industry. I am extremely grateful for this opportunity and am confident that the skills and insights I have gained will prove invaluable in my future career endeavors.

INF3012S Business Process & Enterprise Systems Tutor

University of Cape Town

August 2023 - Nov 2023 (3 mos)

HotSeat Tutor

University of Cape Town

Feb 2023 - Nov 2023 (8 mos) - Feb 2022 - Nov 2022 (9 mos)

As a First Year Hotseat Tutor in the Department of Computer Science, I was entrusted with the pivotal role of bolstering the academic foundations of our first-year students. I meticulously steered students through every facet of project development, from discerning the nuances of problem statements to the adept design and execution of solutions. By providing incisive feedback on their coding methodologies, I ensured they embraced both effective and streamlined approaches. Moreover, in assisting with

troubleshooting and debugging challenges, I endeavored to nurture a robust problem-solving acumen within each student.

INF2011S Systems Design and Development Tutor

University of Cape Town

July 2023 – Jun 2023 (5 mos) - July 2022 – Jun 2022 (5 mos)

This course is intended to provide students with an in-depth knowledge of the systems development process with particular emphasis on the design and implementation stages of the life cycle. There is a strong practical component to the course, where students will use object-oriented tools to design and construct a working system. This course is designed to build on the skills acquired in INF2009F Systems Analysis.

CSC1011H Computer Science 1 Tutor

University of Cape Town

Feb 2022 – Jun 2022 (4 mos)

Planning lessons that are appropriate for a group of students; assessing the requirements of these students and employing appropriate instructional strategies; developing lesson plans and educational resources; Assessing and evaluating each student's performance and improvement while accompanying them on field excursions and educational visits.

INF2007F Applying Database Principles Head Tutor

University of Cape Town

Feb 2022 – May 2022 (3 mos)

Assessing and evaluating each student's performance and improvement while accompanying them on field trips and educational visits; developing lesson plans and educational resources; assessing and evaluating each student's performance and improvement while accompanying them on field trips and educational visits.

INF2009F System Analysis Tutor

University of Cape Town

Feb 2024 - June 2024 : Feb 2023 – June 2023 : Feb 2022 – June 2022

A systems analysis tutor is responsible for evaluating the performance of students and providing them with lessons to prepare for exams, classes, or other educational resources. Tutors can work a variety of hours throughout the week. Systems analysis tutors should be familiar with the lesson plan required to complete each stage of the

course. Tutors also mark papers or help students review material that was covered in class before an upcoming exam.

Science Faculty Orientation Leader

University of Cape Town

Feb 2022 (1 mos)

Orientation leaders orientation leader is a vital source of information and a prominent university spokesperson. An orientation leader is responsible for introducing first-year students to the university's campus, activities, and services, and serving as a resource. Orientation leaders encourage, contact frequently with, and publicly acknowledge their first-year students. They are also accessible to address any concerns or issues that may emerge. Help first-year students with the transition from high school to university. The

Deputy Secretary General

Residence Mentorship Council – University of Cape Town

March 2021 – November 2021 (9 mos)

CSC1010H Computer Science1 Tutor

University of Cape Town

March 2021 – November 2021 (8 mos)

Planning lessons that are appropriate for a group of students; assessing the requirements of these students and employing appropriate instructional strategies; developing lesson plans and educational resources; Assessing and evaluating each student's performance and improvement while accompanying them on field excursions and educational visits.

Head Mentor Leo Marquard Hall

University of Cape Town

March 2021 – November 2021 (9 mos)

Establishes the mentee's stated goals and objectives for the mentoring relationship with the mentee. However, the mentee assumes responsibility for their growth, development, and career planning. Commits to cultivating the connection for the allotted time. Commits to meeting with mentees regularly. Actively hears the mentee. Provides candid, honest, and constructive comments Encourages the mentee and helps find professional growth activities. Maintains strict secrecy. Examines the relationship's aims and objectives with the mentee during the midpoint and conclusion of a formal, long-term relationship. Respects obligations made to the mentee. Respects the limitations of the mentee.

Senior Mentor at Leo Marquard Hall

University of Cape Town

February 2020 – December 2020 (11 mos)

Supporting students with effective time and stress management methodologies

Model and share best practices to adopt in learning a new discipline

Offer emotional support when responding to challenges students face during the programme.

Student Front Desk Assistant

University of Cape Town

February 2020 – December 2020 (11 mos)

Deal with queries to provide the correct information in a timely and polite manner

Monitor people coming and going through reception doors and report suspicious activities

Maintain and determine visitors' registers and visitor needs professionally.

Internet café Assistant

BZN Technologies (PTY) Ltd.

November 2019 – January 2020 (3 mos)

Assist consumers in using computers, programs, and the internet. Respond to clients who get error warnings while visiting websites, sending emails, or downloading files.

Assist clients with document downloads, printing, scanning, attaching, and emailing.

Observe the usage of computers, media equipment, printing equipment, and other machinery to guarantee compliance with café rules and relevant laws and regulations.

In addition to selling computer accessories, stationery, and other cyber-related products and services, provide consumers with maintenance and use guidance.

Diagnose problems with hardware, terminals, software, and connection. At computer terminals, monitor clients' time and costs and maintain daily records. Clean computer rooms and tables and maintain a clean environment. Anticipate and market the

venture's computer and Internet-related goods and services. Assist the cybercafé owner with basic record keeping and bookkeeping Utilize the printing equipment at the

cybercafé, such as heat press machines and screen printers. Learn how to operate different media centre devices, including picture and video equipment, software, etc.

Skills

Public speaking skill • Group organizational Skill • Microsoft Office • Administration • Group Work • Fire Safety • Group Leadership • GitHub • Leadership • Database Development • Database Administration • Python • Java • Web Development • MySQL • Bash • C# • Bitbucket • Atlassian Suite • Unity • 3d Game Development • Node.js • Back-End Web Development • JavaScript • Unit Testing • Team Building • CSS

Additional Information

References

Mrs Elsje Scott, Senior Scholar at the University of Cape Town, elsje.scott@uct.ac.za,
021 650 4258

Mr Gary Stewart, Senior Lecture at the University of Cape Town,
gary.stewart@uct.ac.za, 021 650 2665