Lulamile Plati

Cape Town, South Africa 7700

078 814 8267

Lulabenni45@gmail.com

https://github.com/Lula-Benni

A dynamic and forward-thinking professional in computer science and applied statistics, I bring a multidimensional skill set marked by outstanding logical and analytical abilities. Proficient in problem-solving, decision-making, and the end-to-end process of developing and implementing software solutions. I thrive on collaboration, valuing teamwork as an opportunity to both contribute my expertise and learn from colleagues to achieve common business objectives. Taking ownership of my responsibilities is a hallmark of my work ethic. I demonstrate excellence particularly in high-pressure scenarios, where I ensure a thorough understanding of the problem before committing to effective solutions.

Skills

- Java, C#, R programming

- Git, Python, Linux ubuntu, Assembly programming language
- Object Oriented programming
- SQL, HTML, CSS
- Model-View-Controller (MVC), UML
- Algorithms, machine learning in R programming, Java Swing
- Statistical Inference & Modelling
- Operational Research Techniques
- Critical Thinking, Teamwork, Communication, Patience
- Emotional, intelligence, Adaptability
- Basics in Kotlin & Android Studio
- MS Word, Excel

Work History

Computer Science Tutor

University of Cape Town Promaths Alumni, Cape Town
Tutor for the first year Computer Science Course (CSC1016S). This course was to introduce students to Java Object Oriented design techniques and UML diagrams and Data Structures. It also includes the use of inheritance, polymorphism, interfaces and Gui programming in Java.

Education

Bachelor of Science: Computer Science & Applied Statistics, NQF6 Information Systems (Business Process and Enterprise Systems)

University Of Cape Town - *Cape Town, South Africa.*

Senior Certificate

Phakama Secondary School - Cape Town, South Africa

Projects

Android Alphabet Book

The Alphabet Book App is a delightful and interactive educational application designed for young children to learn the alphabet in a fun and engaging way. The app provides a vibrant and immersive experience, making the process of learning letters enjoyable and memorable. GitHub

2D Median Filter for Image Smoothing

This was an assignment. A 2D median filter is a digital image processing technique commonly used for image smoothing or noise reduction. The idea is to replace each pixel in the image with the median value of its neighbouring pixels. GitHub

Python OXO-Game

The "OXO game," also known as "Tic-Tac-Toe," is a classic two-player game played on a 3x3 grid. The grid is initially empty, and the players take turns marking an empty cell with their respective symbols (usually "X" for one player and "O" for the other). The goal is to create a line of three of your symbols horizontally, vertically, or diagonally. The game ends when one player achieves this goal, or if the entire grid is filled without a winner, resulting in a draw. Tic-Tac-Toe is simple yet strategic, making it a popular and quick game to play. This game is implemented on python 3 with the PYQT5 GUI layout. GitHub