Graphical user interface

Description automatically generated with low confidence**Curriculum Vitae – November 2021**

**Mikhail Anthony Govender**

B.Sc. Computer Science and Information Technology Graduate

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**Profile Statement and Career Objective**

**I am a B.Sc. Computer Science and Information Technology Graduate from UKZN, with experience using various programming languages, tools, and techniques in software development. A Strong focus and value on problem solving, error detection and correction as well as teamwork and excellent written and oral communication skills. A Passion for the development of purposeful applications, with emphasis on desktop development, web development, and visual design mainly using C# and ASP.NET. My career objective currently is to obtain a graduate or internship position as a software developer, in order to gain real world experience and knowledge.**

**The University of Kwa-Zulu Natal – 2019 to 2021**Bachelor of Science in Computer Science and Information Technology

**Kingsway Highschool – 2014 to 2018**Matriculation with a bachelor pass

**Projects and Experience**

* **Point-Of-Sale System (C#)**
  + **Built a point-of-sale system for a local business client using C# that included database functionality and reporting for my final year group project.**
  + **Developed order processing functionality and sales reporting using C#, SQL and PowerBI and User Interface**
* **Online Store Website (ASP.NET)**
  + **Developed product page, with search and filtering functionality for users to search for items**
  + **Created and embedded sales reporting into the admin side of the website using PowerBI**
* **Maze Search (Python)**
  + **Built an application that finds a path through a maze, input by a user, who then chooses which search algorithm to use in finding a route**
* **Delivery Van Packing Application (Python)**
  + **Developed an application that uses a genetic algorithm to find the optimal load to place in a delivery van from a list of packages**
* **Sorting Algorithm Visualiser (C#)**
  + **Desktop application that visually displays various sorting algorithms being applied to a set of data**
* **Coin Mining Game (Java)**
  + **Uses Java swing to create a click-to-mine game, where the users earn coins per click, which then can be used to purchase upgrades**
* **Knowledge Quiz (C++)**
  + **Used C++ to create a quiz-type game which tests the player’s knowledge of Covid-19**

**Skills**

* **Software Development**
* **User Interface Design**
* **Data structures and Algorithms**
* **Systems analysis and design**
* **Databases**
* **Object-Oriented Programming**
* **Computer systems and Networking**
* **Web Development using asp.net webformsTechnical Skills**
* **C#**
* **ASP.NET Framework**
* **Java**
* **C++**
* **SQL**
* **HTML & CSS**
* **Git & GitHub**
* **Microsoft Office Suite**
* **Microsoft PowerBI**

**Achievements**

* **Awarded the Deans Commendation for outstanding academic work during the first semester of 2020 at UKZN**
* **Awarded the Deans Commendation for outstanding academic work during the first semester and second semester of 2021 at UKZN**
* **Participated in the Youth Innovation Challenge 2021 by Innovate Durban as a team leader**
* **Member of the Golden Key International Honour Society**