

# Reece Baptie

Software Developer

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071 350 6692

DOB: 7 February 1996

[My Portfolio](#)

Durban,

KZN,

South Africa.

## Work Experience

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### Clifton School

Durban, KZN (2015 - 2019)

Coach, School

- Coached boys aged from 8 – 13 (junior school) in Cricket, Rugby and Hockey
- Coached boys aged 14 – 18 (high school) in Hockey
- Team management and preparing practice sessions is highly important
- Team selection (Dropping players and bring others into a higher team) requires good communication with players and giving them clear reasoning and improvement pointers

## Education

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### Clifton College

Durban, KZN (2010 - 2014)

- Graduated with a bachelor's degree pass with subjects: English(first language), Afrikaans(Secondary language), Mathematics, Mathematics literacy, Biology, Engineering Graphics and Design (Technical Drawing) and I.T.
- I'm comfortable in a team environment having played and captained high-level sports teams.

### Varsity College

Durban, KZN (2017 – Expected Graduation 2019)

- Bachelor of Computer Science in Application Development
- Year 1

Final Result Information		
Module Name	Module Result	Module Mark
Applied Communication Techniques	P	59
Database (Introduction)	CD	74
Database (Intermediate)	P	66
Digital Law and Ethics	P	71
Introduction to Scholarship 1	A	100
Introduction to Scholarship 2	NA	80
Mathematical Principles for Computer Science	F	40
Network Engineering 1A	P	57
Programming Logic and Design (Introduction)	P	70
Programming 1B	P	67
Programming 1A	CD	74
Web Development (Introduction)	CD	74

Aggregate:

Sem 1:

$334/5 = 66.8$

Sem 2:

$278/4 = 69.5$

$318/5 = 63.6$

Year:

$612/9 = 68$

$652/10 = 65.2$

$832/12 = 69.333$

3 Ds

- Year 2

Final Result Information		
Module Name	Module Result	Module Mark
Mathematical Principles for Computer Science	P	61
Advanced Databases	PD	78
Cloud Development A	P	68
Cloud Development B	P	63
Open Source Coding (Introduction)	PD	82
Programming 2A	P	63
Programming 2B	P	65
System Analysis and Design	P	59
Software Engineering	P	64

Sem 1:

$$268/4 = 67$$

Sem 2:

$$274/4 = 68.5$$

$$335/5 = 67$$

Aggregate:

$$542//8 = 67.75$$

$$603/9 = 67$$

2Ds

- Year 3

Final Result Information		
Module Name	Module Result	Module Mark
Advanced IT Management		--
Application Development Security	PD	82
Introduction to Research		--
IT Project Management		--
Open Source Coding (Intermediate)	PD	75
Programming 3A	PD	83
Programming 3B		--
Work Integrated Learning 3		--

Sem 1:

$$240/3 = 80$$

Sem 2:

Aggregate:

3Ds

## Skills

<b>Languages:</b>	Java, C#, SQL, Angular, JavaScript (CSS, HTML)
<b>Data Technology:</b>	MySQL, SQL server, Oracle, Google Firebase, Mongo DB
<b>Operating System:</b>	Windows, OSX, Android OS, Windows phone
<b>Frameworks:</b>	.NET Framework, Android
<b>Developing Tools:</b>	Visual Studio, Visual Studio Code, NetBeans, Android Studio
<b>Architecture Patterns:</b>	N-Tier, Layer
<b>Design Patterns:</b>	OOP, Singleton
<b>Data Structures:</b>	OO-List, Stack, Queue, LinkedList, non-Generic Collections

## Projects

### Online Multiple-Choice Quiz (2018)

Created a C# .NET Framework desktop windows form app as well as an online MVC app using OOP, which allowed a lecturer to login using MVC & SQL to store user authentication, they can make a MCQ (Multiple Choice Quiz) and save the MCQ to a SQL DB and store it on a Microsoft Azure Online Web Server.

Students can login to the online (MVC) app and take MCQ online or by using desktop app (windows form), by retrieving a MCQ (if available) from azure SQL DB. Students test results are store in a SQL DB on azure.

Lectures can retrieve marks from a azure SQL DB and view class marks and perform basic data manipulation.

### **Fitness Android App (2018)**

- Android Studio to build application
- Java
- Implemented accelerometer (step counter) api
- Implemented Firebase to store a real-time NoSQL DB, images and user authentication
- Deployed on the play store

### **Flappy Bird Android Game (2019)**

- Android Studio to build application
- Java
- Bitmap
- OOP
- Implemented Firebase to store a real-time NoSQL DB

### **Weather Android App (2019)**

- Android Studio to build application
- Java
- Retrieved an api key and a JSON file from a URL weather site AccuWeather.com
- Implemented JSON to receive weather information to display

### **Navigation Android App (2019)**

- Android Studio to build application
- MapBox Api

### **Goal Pro Android App (2019)**