DIEHAN DROTSCHIE

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SUMMARY

Dedicated and proactive Software Developer with a strong foundation in software engineering principles and practices. Demonstrated ability to excel in both academic and practical settings, with experience in developing robust software solutions and participating in real-world projects. Proficient in various programming languages and frameworks, and committed to continuous learning and improvement.

PERSONAL INFORMATION

ID Number: 0312125481084

Age: 20 yrs

Health Status: Excellent Criminal Record: None

Gender: Male

Nationality: South African Student Number: 25896091

ACCOMPLISHMENTS AND AWARDS

Academic

- Robertson High School Dux Learners Award
- Top 10 Achievers Award Western Cape
- Student Council Member: Deputy Head Boy
- · Achieved honorary academic awards 5 years
- 1st Position in Grade Gr8-12
- SA Mathematics Olympiad
- Member of Golden Key International Society

Cultural

• CSV Team leader

Sport

- · Hockey:
 - o o/19 A First Team
 - Hockey Umpire course completed
 - Qualified for Tour team to New Zealand
- Athletics:
 - Captain of Team
- Swimming:
 - School First Team
 - Captain of Team

EDUCATION

Senior Certificate 2017 - 2021

Robertson High School - 94 % Average

Bachelor of Science in Computer Science and Data Science

2022 - 2024

Stellenbosch University

WORK EXPERIENCE

Software Developer Internship, Games Global

June 2024 - July2024

During my internship at Games Global, I contributed to the development of interactive gameplay features as a software developer. I collaborated with a talented team, gaining valuable hands-on experience in game development.

Graduate Software Developer, Games Global

Jan 2025 - Current

I am currently progressing in my graduate software developer role at Games Global, focusing on service development while extensively upskilling in AWS and C#. During my time here, I have contributed to the development of interactive gameplay features, collaborating with a talented team and gaining valuable hands-on experience in game development.

PROGRAMMING LANGUAGES

- Java
- C
- Delphi
- R
- Python
- Dart with Firebase
- Html
- JavaScript/Typescript with PIXI.js
- CSS
- C#

PROJECTS

- Impasse game
- · Moving maze game
- Compression and decompression of image using Finite automata.
- · Tic tac toe
- Wedding table allocation website
- Instagram clone using dart with firebase for uploading, liking, following, and searching for users.
- · Gomuku game bot
- Plinko online betting game

UNIVERSITY RESULTS

Bsc Computer Science focal Area - Data Science:

1st year results:

1. Computer Science: 91%

2. Mathematics: 83 %

3. Probability Theory and Statistics: 77 %

4. Science in Context: 77 %

5. Data Science: 81 %

6. Computer Science: 94 % 7. Applied Mathematics: 88 %

8. Mathematics: 84 %

2nd year results:

1. Computer Science: 80 %

2. Mathematics: 84 %

3. Applied mathematics: 85 % 4. Mathematical statistics: 80 %

5. Computer Science: 76 %

6. Mathematics: 82 %

7. Mathematical Statistics: 60 % 8. Mathematical Statistics: 85 %

9. Data Science: 76 %

3nd year results:

1. Computer Science: 83 %

2. Mathematical Statistics: 73 %

3. Data Science: 82 %

4. Computer Science: 91 %

5. Data Science: 84 %

6. Computer Science: 90 %

7. Computer Science: 86 %

8. Computer Science: 92 %