DIEHAN DROTSCHIE

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https://diehandrotschie.github.io/DiehanDrotschieCV.github.io/index.html

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SUMMARY

Dedicated and proactive Computer Science student 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/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 Engineer 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.

PROGRAMMING LANGUAGES

- Java
- C
- Delphi
- R
- Python
- Dart with Firebase for database
- Html
- JavaScript and PIXI.js
- CSS

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 %