

**CURRICULUM VITAE**  
**Diehan David Drotschie**  
**Student no:25896091**

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Nationality South African

Age 19 yrs

Sex Male

Criminal record None

Health Excellent

**EDUCATIONAL BACKGROUND**

School attended: Robertson High School  
(2017-2021)

Highest Standard Grade 12 (Senior Certificate) – 94%

**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
  - 1<sup>st</sup> 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

**University**  
**Stellenbosch University 2022:**

**Bsc Computer Science focal Area – Data Science:**

**1<sup>st</sup> year results:**

Computer Science	91	PASS WITH DISTINCTION
Mathematics	83	PASS WITH DISTINCTION
Probability theory and Statistics	77	PASS WITH DISTINCTION
Science in context	77	PASS WITH DISTINCTION
Data Science	81	PASS WITH DISTINCTION
Computer Science	94	PASS WITH DISTINCTION
Applied mathematics	88	PASS WITH DISTINCTION
Mathematics	84	PASS WITH DISTINCTION

**2<sup>nd</sup> year results:**

Computer Science	80	PASS WITH DISTINCTION
Mathematics	84	PASS WITH DISTINCTION
Applied mathematics	85	PASS WITH DISTINCTION
Mathematical statistics	80	PASS WITH DISTINCTION
Computer Science	76	PASS WITH DISTINCTION
Mathematics	82	PASS WITH DISTINCTION
Mathematical Statistics	60	PASS
Mathematical Statistics	85	PASS WITH DISTINCTION
Data Science	76	PASS WITH DISTINCTION

### **Programming languages:**

- Java
- C
- Delphi
- R
- Python
- Dart with Firbase for database
- Html
- 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.

Link to CV website:

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