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**dylantrowsdale@gmail.com**

## DYLAN THOMAS TROWSDALE

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### SKILLS & ABILITIES

Proficient in Python, Java and C++/C  
Proficient in French  
First Aid level 1

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### EDUCATION

#### High School- Crawford International Lonehill

- Graduated 6<sup>th</sup> in the grade with an average of 87.23% and 6 distinctions
- Member of the Academic portfolio of the Student Executive council
- Subject prizes (Top 3 placement in a subject)
  - French: 3x gold medal, 1x bronze
  - Physical Sciences: 2x silver medal
- 2x Second round Math's Olympiad
- 2019 Finalist Grade 12 SAIPA Accounting Olympiad

#### Tertiary- University of Cape Town

- 3<sup>rd</sup> year BSc Eng. in Electrical and Computer Engineering.
- Achieved a first class (above 75%) GPA.
- Dean's merit list 2021, 2022 and 2023
- Tutor for First-year Computer Science, Signals and Systems 2 and Third-year Electrical Engineering design.

#### Online course- MIT

- Mechanics: Kinematics and Dynamics

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### EXPERIENCE

Paratus Telecommunications Limited Zambia:

Interned at Paratus Telecommunications Limited Zambia at their Data center and Head office in Lusaka, Zambia. My responsibilities entailed daily infrastructure and facilities inspections as well as working with the NOC engineers monitoring the performance and function of the Data center. Worked with installation teams to install Microwave radio antennas at customer premises and helped with the management of the Points of Presence at the Head office.

#### **Logical Creations:**

Interned at Logical Creations electronic workshop and repair center in Sandton, Johannesburg. My responsibilities entailed soldering and debugging faulty electronic equipment, making antennas for microphone radio transmitters and receivers, camera connectors and LED studio lighting for a television studio based in Sandton.

#### **African Robotics Unit:**

Currently interning at the African Robotics Unit at UCT where I worked on Neural network training for the 3D reconstruction of cheetahs. This project involved processing and analyzing footage filmed at the Ann van Dyk Cheetah Center, camera calibration and ongoing neural network training and testing.

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## **LEADERSHIP**

Member of the Academic portfolio of Student Executive Council at Crawford International Lonehill.

The Student Executive Council was responsible for the organization and running of all school held functions, assemblies and fund raisers such as prize giving's, soirees, a fashion show etc. The Academic portfolio was responsible for ensuring that all the academic needs of the students were met. Assisting in the planning of exam timetables and class test schedules as well as assisting other students struggling with classwork either by organizing extra lesson programs after school or assisting them ourselves.

Treasurer of the ju-jitsu club at the University of Cape Town in 2022.

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## **HOBBIES AND INTERESTS**

First team cricket (merit award)

First team rugby and touch rugby

U19 Gauteng touch rugby squad

Hiking

Ju-Jitsu

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**COMMUNITY  
SERVICE /  
VOLUNTEER  
WORK**

Rise Against Hunger (NGO and global movement to end world hunger)

Edulift SA (NGO teaching under privileged children)

Working at an animal shelter for abandoned animals

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**REFERENCES**

- Paratus Telecommunications Limited Reg No: 85774  
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T +260 (211) 262 698, [info.zm@paratus.africa](mailto:info.zm@paratus.africa)  
Directors: WM Jansen van Vuuren (CM), SLV Erasmus, CG Chinyant
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