



JEAN-PIERRE VAN ZYL

MSC STUDENT

PROFILE

I am a driven and hard-working student, currently studying in the field of Computational Intelligence (CI) under the supervision of Professor A.P. Engelbrecht. My interest in this field stems from my desire to understand and to gain knowledge, and from the great potential it has to positively impact our society in the information age. With my own life grounded in respect and integrity, I hope to make an impact in whichever environment I find myself.

CONTACT

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EXPERIENCE

Student leadership

Served on university residence House Committee, as Primarius and Vice-Primarius.

Served as Vice-Chair of the US Consulting Society

Scholarships

Standard Bank 150, NRF scholarships

Research Publications

"Polynomial Approximation Using Set-Based Particle Swarm Optimization" in Springer LNCS

CHARACTER REFERENCES

Prof Engelbrecht

engel@sun.ac.za

Thomas Schlebusch

tom@nmrql.com

Richard Barry

richard@polymorph.co.za

Prof Kraak

kjw@sun.ac.za

CAREER SUMMARY

University Tutor

Stellenbosch University | July 2021 -

- University appointed tutor for Data Analytics 344

Part-time Developer

Merlynn Intelligence Technologies | Mar 2021 -

- Expanded Merlynn's system capabilities by implementing new CI algorithms.

Internship

Polymorph Systems | Jan 2021 - Feb 2021

- As a part of the R&D team we focused on expanding the company's existing IoT solution package to include Computer Vision at the edge.

Internship

NMRQL Research | Nov 2020 - Dec 2020

- Assisted in expanding the capabilities of the trading system used by NMRQL

EDUCATIONAL SUMMARY

Stellenbosch University

Master of Science in Computer Science

- Currently studying under Prof A.P. Engelbrecht in Computation Intelligence

Stellenbosch University

Bachelor of Science (Honours) in Computer Science

- 2020-2020
- Obtained Cum Laude

Stellenbosch University

Bachelor of Science in Mathematical Sciences

- 2017-2019
- Completed a BSc from the Mathematical Sciences department with a main stream in Computer Science

Fairmont High School

National Senior Certificate

- 2012-2016
- Obtained with an average of 86.4% over 8 subjects