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 positivity 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
Research Experience
Research Experience implementing Particle Swarm Optimization, Genetic Algorithms, Genetic Programs, Model Trees.

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

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
- Worked as a part of the in-house R&D team
- R&D was 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
- Area of research is Computational 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