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Department of Computer Science, University of Cape Town

18 University Ave

7700, Cape Town

Education

- 01.12.2023 **BSc (Hons) in Computer Science (with distinction)**, University of Cape Town, South Africa
Thesis: *Deep Learning for Intrusion Detection*
Supervisor: Josiah Chavula (Dr, University of Cape Town)
Grade: 82%
- 15.02.2017 **BS in Computer Science and Philosophy (with distinction)**, University of Cape Town, South Africa
Grade: 75%

Research Stays

- 2024 (4mth) Research visit (Topic: Non-monotonic reasoning in Formal Concept Analysis)
Hosted by: Technische Universität Dresden (Sebastian Rudolph)

Teaching

- 2025- University of Cape Town
Introduction to Programming in Python: (Lecturer) 2025
- 2024- University of Cape Town
C++ and Machine Learning: (TA) 2024,
Internet and Network Security: (TA) 2024,
Introduction to Programming in Python: (Lecturer) 2024

Awards

- 2024 Exness Postgraduate Scholarship
Class Medal CSC4026Z Network Security - University of Cape Town
- 2023 Certificate of Excellence for CSC3002S - University of Cape Town
Merit-Based Scholarship - University of Cape Town

Conference Papers

- 2024 **Non-monotonic Extensions to Formal Concept Analysis via Object Preferences.**
SACAIR 2024
Carr, L., Leisegang, N., Meyer, T. and Rudolph, S.
- 2024 **Deep Learning Classification for Encrypted Botnet Traffic: Optimising Model Performance and Resource Utilisation.**
SAICSIT 2024
Carr, L., Chavula, J.