

Willie Loftie-Eaton

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About

I am a final year BScHons Computer Science student. I enjoy working with hard working people on a mission that is good for the world. I'm eager to learn and to provide value where it is needed.

Education

BSc Stellenbosch University, Computer Science (General Stream) Average of 60%	Stellenbosch, WC, RSA Feb 2021 – Nov 2024
Matric Curro Windhoek Gymnasium, High School Math 1; Computer Studies 2; Physics 2; Business 2; Afrikaans (1) 3; English (2) 3	Windhoek, Namibia Jan 2016 – Nov 2020

Experience

Kingly Clark , Summer Intern Wrote e2e tests for a React Native application using Jest. Company website 🔗	Stellenbosch, WC, RSA June 2024 – July 2024
Pieriwiet Property Valuations , Website consulting Wrote a simple website for a property valuation company. Website 🔗	Windhoek, Khomas, NAM July 2023

Projects

cilpy A computational intelligence library written in Python for studying nature inspired algorithms. <ul style="list-style-type: none">Will be opensourced by the end of the year.	Feb 2025 – present
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Skills

Programming: Proficient with Python, C, Java, HTML and CSS. I'm familiar with React, and x86 Assembly

Mathematics: Good understanding of calculus and linear algebra, and an elementary understanding of statistics

Languages: English (fluent), Afrikaans (native)

Publications

Particle Swarm Optimization for Large Scale Optimization Problems <i>Willie Loftie-Eaton</i> github.com/willieloea/ci_research/blob/main/pso_for_lsop.pdf 🔗	Apr 2025
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Extracurricular Activities

- Started and lead the [SU Computer Club](#) 🔗
- Organised a cross country running competition in my second year at university.