

AJ Westley

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<https://github.com/AJWestley>

EXPERIENCE

LexisNexis, Cape Town — Graduate Data Scientist I

January 2025 - PRESENT

I am currently working as part of the Create+ team. I am working on improving the product's contract type classification, and am also developing and maintaining an analytics dashboard for the product.

netVendor, Hillcrest— Software Engineer Intern

January 2024 - February 2024

I developed an analytics module (Pandas & Flask) for their smart meter data as well as helped to integrate a push notification API to their PWA.

Stellenbosch University, Stellenbosch— Teaching Assistant

June 2023 - December 2024

I oversaw the tutorial sessions for various Computer Science modules, assisting and teaching the students where they require, as well as marking assignments and demos.

EDUCATION

Stellenbosch University, Stellenbosch— BScHons Computer Science

January 2024 - December 2024

Stellenbosch University, Stellenbosch— BSc Computer Science

March 2021 - December 2023

Graduated Cum Laude.

PROJECTS

A Two-Phase Safe Reinforcement Learning Framework for Finding the Safe Policy Space — Published BScHons Thesis

My Honours' thesis was published at the ICAART 2025. The paper can be found on Google Scholar, as well as my personal website.

SKILLS

Programming:

Python, Java, C/C++, ProLog, HTML, CSS, JavaScript, SQL

Frameworks:

Keras, Tensorflow, PyTorch

Numpy, Pandas

Domains:

AI, ML, NLP, Deep Learning, Reinforcement Learning

AWARDS

Stellenbosch University Undergraduate Research Conference - My Honours' thesis was awarded first place.

2nd Best Honours' Project - My Honours' project was awarded for achieving the 2nd highest mark of all Computer Science students.

LANGUAGES

English - Native

Afrikaans - Intermediate