

Wiaan Swart

"A passionate self-taught developer, with an obsession with all things related to technology and a burning desire to learn more..."

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EXPERIENCE

Altron Nexus, Woodmead — NNOC Team Leader/ T2 Network Specialist

March 2016 - PRESENT

Overseeing the daily operations of the NNOC, and team members.

Ensuring SLA's are met, network availability and reliability are maintained

Writing of tools and automation scripts to increase productivity.

Providing support to clients on critical faults.

Troubleshooting and network management of owned and client networks.

Was part of the team that built the Gautrain communications network.

Altron Nexus, Woodmead — NNOC Support Agent

September 2014 - March 2016

First point of contact for all client and network queries.

Assisting and troubleshooting client and network faults.

Programming of radios.

Liaising with the Technical team and 3rd party vendors for fault resolution.

Compiling reports for management.

EDUCATION

Academic Institute of Excellence, Part-Time— Systems Development(NQF5)

February 2021 - February 2022

I am currently doing my National Certificate in Systems Development, through the AIE and the course focuses on the following:

- ❖ Database development
- ❖ Web Development (HTML, CSS and Javascript)
- ❖ C# Development
- ❖ Developing Solutions for Microsoft Azure
- ❖ Artificial Intelligence and Machine Learning

SKILLS

Linux
Networking
Security
Python
HTML/CSS
Javascript

Certifications

HCNA - Routing and Switching
HCNA - Security+
Linux+
CEH - Certified Ethical Hacker
ITIL Foundations
ISO 9001 Certified
Level 1 Fire-fighter
Level 1 First Aider
TryHackMe - 25 days of Cyber Security

Links

LinkedIn:
<https://bit.ly/3iBY7ZI>

GitHub:
<https://bit.ly/3ikD3qa>

PROJECTS

r/bot -A script that retrieves images from any sub-Reddit

By using the requests and PRAW python libraries and Reddit API, I was able to develop a program that will scrape images from any given sub-Reddit. (<https://bit.ly/3kRmp36>)

Auto-Clicker - A way to dominate browser-based stickman shooters

A fun little project that automates the game play of a stickman shooter game. This is achieved by taking a screenshot of the game area, converting the image into a 2D array and then locating the enemies by looking for their color value. (<https://bit.ly/2ZIaTz7>)

T-Music - A music and video player that runs in the terminal.

A project that a friend and I wrote that allows the user to listen and view videos in their terminal. This utilizes Youtube's API for both audio and video.

Stonks.py - Everyone loves crypto...

Like all people investing in cryptocurrencies, the urge to constantly look at your current gains(or losses...) can become tedious, especially if the platform has an idle-timer that logs you out... By using the Altcointrader API, I wrote a script that gets the current value of whatever coin I invested in and calculates the portfolio value. (<https://bit.ly/3onLXXR>)

Wusic - HTML and CSS only frontend for a Spotify-like Website:

<https://wusic.surge.sh/>

Hobbies and Interests

Lock Picking.

Building of small hardware projects.

Playing CTF's.