

Stanley Shikwambi

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Education

Bachelor of Science in Computer Science – Expected 2023

Stellenbosch University, Stellenbosch, Western Cape

Accomplishments

- **3rd place** in annual Namibia University of Science and Technology High School Programming Competition
- Distinction in Computer Science 1 with average of **77.5%**

Skills

Languages: Python, Java, C/C++, HTML/CSS, SQL, JavaScript

Frameworks and Tools: MongoGB, MySQL, PostgreSQL, APIs, REST API, Node.js, React.js, Git, AWS, Django, Flask, Numpy, Pandas, Matlab, BeautifulSoup, Selenium, Bootstrap 4/5, IntelliJ, VS Code, PyCharm

Projects

please_kendrick_lamar | Python

- a bot that checks whether Kendrick Lamar has released a new song in the past 24 hours and then proceeds to send a text message with the results every morning.
- accesses the Spotify API to retrieve data about artists albums.
- uses OA Auth 2.0 and the library, Spotipy, to return a response element with all albums.
- Twilio library is used to send a text message to a specified number/numbers.

Personal portfolio and blog website | HTML/CSS/JavaScript

- currently working on personal website that includes a back end for a football blog.
- visitors can interact with website by liking or commenting on a blog post.
- website has a page for all personal projects, CV and an 'about me' section.
- website is hosted on GitPages.

@stansdadjoker | Python

- a twitter bot that tweets multiple dad jokes during the day
- scrapes the subreddit r/dadjokes and saves the 10 most upvoted for the day
- sends a post request to the Twitter API to post the jokes
- uses OA Auth2.0 and the PRAW library

Experience and Leadership

Founder and Head of Simonsberg Coding Club – March 2021 to current

- started a coding club in my student residence.
- guided other members on how to start their programming careers.
- plan to do more during 2022 with higher chance of face-to-face sessions.

Computer Science Class Representative – August 2021 to December 2021

- serve as a link between students, Natural Sciences Committee, and lecturers.
- bring student queries and problems forward to the senior lecturers and head of the department.
- make sure important information is communicated to all students.
- represent the students in matters regarding the module.
- attend meetings with academic staff to provide course feedback from students.

Computer Science Teaching Assistant – February 2022 to current

- act as a liaison during face-to-face and online lectures by answering questions from students.
- take command of tutorials and help students with the tutorial, as well as their semester project.
- mark and test students' semester projects.

Simonsberg Metropolitan Committee Member – February 2022

- part of the committee planning the biggest event on campus.
- in charge of the betting taking place during the event.
- main responsibilities were to set the odds on the racers and to calculate the return on bets placed.