

## Education

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### **Bachelor of Science in Computer Science** – Expected 2023

Stellenbosch University, Stellenbosch, Western Cape

## Accomplishments

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- **3<sup>rd</sup> place** in annual 2020 Namibia University of Science and Technology High School Programming Competition

## Skills

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

**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

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### **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 with Bootstrap 5**

- 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, blog, about and contact form
- 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

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### **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 1 Teaching and Learning 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.