LUYANDA MNCUBE

Software Engineering Student

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we think code_

ABOUT ME

Inquisitive, hard-working and a teacher at heart. I love to learn and always find myself sharing everything I learn about technology with people around me. People come first in my life and I am not afraid of a challenge or shouldering responsibility. Previous to studying at wethinkcode, I worked 40 hours a week as a TEFL English teacher while studying computer science at UNISA. I have a strong foundation in data structures, algorithms, and problem solving.

EXPERIENCE

Online English Teacher

EF Education First

🗓 April 2016 - December 2017   📍 Bryanston, SA

- I worked as an Online English Teacher to teach English as a Foreign language to students across the globe
- We Utilized an online platform to present an prepare lessons to students from the EF Education First offices in Bryanston, South Africa
- Taught both private and group lessons
- Prepared & Evaluated lessons in & TOEIC/TOEFL speaking tests, English Fluency Testing and English Proficiency Testing

Team Elect

Wethinkcode

🗓 May 2018 – ongoing   📍 Johannesburg, SA

- Oversaw weekly team stand up meetings on campus with a group of 10 students
- Attended fortnightly meetings with Campus manager & House Guardians to address issues regarding student performance and welfare
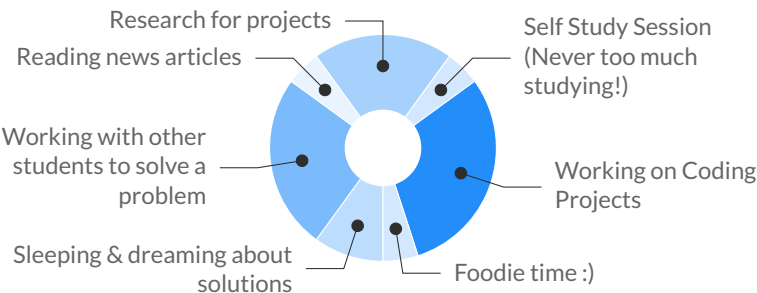
National Senior Certificate

Northcliff High School

🗓 Class of 2011   📍 Johannesburg, SA

- Academic Half Colours
- 4 Distinctions
- Representative Council of Learners

A DAY OF MY LIFE

Research for projects
Reading news articles
Self Study Session (Never too much studying!)
Working with other students to solve a problem
Working on Coding Projects
Sleeping & dreaming about solutions
Foodie time :)

LIFE PHILOSOPHY

"Quality is not an act; it is a habit."

MOST PROUD OF

🏆 **Courage I had**
to change careers follow my childhood dreams of being a software engineer

💓 **Persistence & Loyalty**
I showed my schoolwork despite the hard moments and sleepless nights coding projects

📈 **My willingness to try**
I'm always willing to try almost anything

🧍 **My family & friends**
I always put the people in my life first

SKILLS

Data Structures   Algorithms   Logic
Creativity   Collaboration

C/C++   LaTeX   Vim   Git   PHP

LANGUAGES

English
isiZulu
C/C++
Javascript
PHP

EDUCATION

MICT SETA NQF Level 5

Wethinkcode-JHB, SA

🗓 May 2018– Ongoing

Bsc in Math & Computer Science

UNISA, SA

🗓 January 2017 – Incomplete

TEFL Level 3

Foundation TEFL, UK

🗓 September 2016

PROJECTS COMPLETED

C - libft

🔗 https://github.com/luyandamncube/libft
- recreation of the C standard library
- used for all future wethinkcode projects in C

C - get_next_line

🔗 https://github.com/luyandamncube/get_next_line
- recreation of get_line function
- read from a specified file descriptor (stdin, stdout or stderr)

C - filler

🔗 https://github.com/luyandamncube/filler
- game AI
- uses heuristic to battle other AI

C - push_swap

🔗 https://github.com/luyandamncube/push_swap
- stack sorting (using two stacks)
- uses predefined instruction set for optimal solve

C - em-in

🔗 https://github.com/luyandamncube/Lem-in
- graph traversal
- provide ants in an ant farm the most optimal route

PRESENTATIONS & ARTICLES

The hitchhiker's guide to C

🔗 https://github.com/luyandamncube/-42_A_hitchhikers_guide_to_C

Scrum - An introduction to Scrum Agile Methodology

🔗 https://docs.google.com/presentation/d/1YcuTgwdasABdqbMF_Ege13K-YWg3U2OCRb7XeiraNBs/edit?usp=sharing

REFEREES

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