

Lu Mncube



✉ lmncube@student.42.fr
🐙 github.com/luyandamncube
in [linkedin.com/in/luyanda-mncube-96bb54a0/](https://www.linkedin.com/in/luyanda-mncube-96bb54a0/)

EDUCATION

UNISA

School of Computing
BS in Mathematics &
Computer Science
Expected Grad. 2020

Wethinkcode_

Software Engineering
NQF Level 5
Expected Grad. 2019

Northcliff High School

Grad. January 2011
4 Distinctions, 9 subjects

SKILLS

Languages:
C/C++, Python, JavaScript, PHP

Databases:
SQL

Tools:
Git, Vim,
Adobe PS & MS Suite

COURSEWORK

Data Structures
Algorithms
Discrete Mathematics
Computer Architecture
Computer Networking
Data Analysis
Object-Oriented Programming

ABOUT ME

Inquisitive, hard-working and a creative 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. Prior to joining 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. All links to my projects can be found on my personal github.

EXPERIENCE

EF Education First

Online English Teacher

April 2015 – 2017

Bryanston, JHB

- Based in the Bryanston offices, I taught English Online as a Foreign language to students across the globe.
- Prepared & Evaluated lessons in & TOEIC/TOEFL speaking tests, English Fluency Testing and English Proficiency Testing

PROJECTS

[libft](#)

An open-source library which contains recreations of C stdlib functions. Built in C (POSIX).

[get_next_line](#)

A C-function which reads from stdin, stdout or stderr using buffers. Built in C (POSIX).

[filler](#)

A turn-based AI that competes with other pre-made AI for control of a game board. Built in C (POSIX).

[push_swap](#)

A stack-sorting program that emphasizes efficiency and algorithm design, using a limited number of instructions. Built in C (POSIX).

[camagru](#)

An image sharing web app that enables creating photo montages. Built with LAMP stack.