LuyandaMncube

Software Engineering Student

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Tel & Skype

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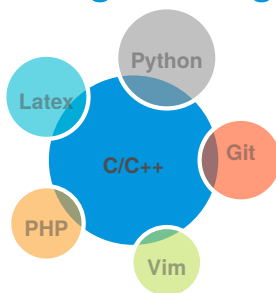luyandamncube.skype

Mail

luyanda.mncube@
yahoo.com

Git

github.com/
luyandamncube

Programming

Personal Skills

Experience

04/16 - 12/17   **Online English Teacher**   EF Education First

I worked as an Online English Teacher to teach English as a Foreign language to students across the globe from the EF Education First offices in Bryanston, South Africa. My responsibilities included teaching both private and group lessons, preparing lesson content, evaluating Writing submissions, TOEICTOEFL speaking & Listening preparation, English Fluency Testing and English Proficiency Testing

05/17 - 09/17   **Part-time collaboration & Webmaster**   Travel Wild SA / Travel Mzansi SA

I worked as a designer, content creator and webmaster for the Travel Wild Initiative (Started in association with The Classy Traveler). I designed and maintained the website and was responsible for designing proposals for presentations to clients

Education

2018 - Now   **Course in Software Engineering**   wethinkcode_ Johannesburg

C (99 Standard)
Unix & POSIX Standards
Using together with a team
Shell Scripting
Re-writing of the libc library

2017 - Now   **Bsc in Mathematics & Computer Science (Completed 1st year)**   UNISA

Introduction to Programming I (C++) (70)
Introduction to Programming II (C++) (60)
Theoretic Computer Science I (82)
Ethical Information & Communication (76)
Computer Systems: Fundamental Concepts (57)
Linear Algebra I (52)
Calculus I (54)

2017   **TEFL Certificate (No. XY 60913)**   Foundation TEFL

Classroom Management
Lesson Planning
Vocabulary & Grammar
Professional English

2007 - 2011   **National Senior Certificate**   Northcliff High School

Mathematics (73)
Advanced program Mathematics (IEB) (40)
Mathematics: probability, data handling & geometry (84)
Information Technology (85)
Physical Sciences(75), Accounting (76)
English Home Language (80)
Afrikaans First Additional Language(69)
Life Orientation (88)

Publications

Luyanda Mncube
-42: A hitchhikers guide to C
A crash course for beginners in C & Algorithms, written by LKE. Mncube during the we-thinkcode C bootcamp in Johannesburg South Africa

Honors & Awards

10/2015	**Ernst & Young Project Alpha Finalist**	Project Alpha
	A presentation and auditing project about the reality of business ethics. *Group Winner*	

Certifications

01/2018	**C Bootcamp / Piscine**	_wethinkcode
	Re-writing the libc library with limited access to the C standard library	

Hackathons

03/2018	**Google Hashcode**	Google
	A hackathon I completed with a team of 3 others from wethinkcode. The topic this year was optimization of transport scheduling for a transportation network.	

More about me

I am a highly motivated and driven person who has a a fond interest in learning, teaching and software development. I am able to take on multiple activities and responsibilities simultaneously. While enrolled as a part time student at UNISA for the first years of my university career with a workload of at least 36 credits a semester, I worked 40 hours a week teaching English Online with EF Education first in Bryanston.

In January, I attended a four-week intensive programming bootcamp with wethinkcode. During this bootcamp we learned C in a UNIX programming environment with access to git and vim in a peer-to-peer environment which encourages teamwork. wethinkcode is an innovation engineering college which accepts the top 1% of its applicants for a full bursary to study a full-time Software engineering course. I was accepted on the 9th of February 2018 to attend the course which begins later this year.

In my free time I love to work on private programming projects. Currently I have been working on a game engine built with C++ using the SDL2 development library. This as well as my other projects can be viewed on my git repo.

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