Dylan Southgate_

About me_

Hard-Working and dedicated. I strive to improve my coding skills day by day. I enjoy working in teams because I get to share my ideas and listen to theirs. My goal in life is to improve daily life in South Africa and around the globe whether its big or small.

Education_

MICT SETA NQF Level 5 (May 2018 – Present)
Wethinkcode_

- Peer-to-peer and project-based Software Engineering Course
- C (POSX),Algorithms, Data structures, PHP and micro-frameworks, Web Development and 3D Graphics.

National Senior Certificate (Jan 2011 – Dec 2015)
Norman Henshilwood High School

- 7 subjects including English, Afrikaans, Mathematics, Physical Sciences, Accounting, Biology and Life Orientation.
- Captain of Cross Country Team.

Experience_

- No formal experience.

Personal info_

✉ dsouthga@student.wethinkcode.co.za

🌐 https://dylansouthgate.github.io/po

Skills_

Personal
- Problem Solving
- Collaboration
- Creativity
- Hardwork
- Persistence

Technical
- C
- PHP/HTML/CSS/Javascript
- Unity and GIT

Interests_

Nature
- Learning about new/old animals and how they adapt and live their life is exciting.

Games
- I love playing fifa and playing chess against fellow wethinkcoders.

Reading
- I read daily new articles to keep myself updated with whats happening around the world.

First year curriculum_

bootcamps_

C bootcamp
C & UNIX bootcamp

1 Month. Intensive programming bootcamp. Basics of C, Unix, Vim & Git.

PHP bootcamp
PHP

2 Weeks. Intensive programming bootcamp. Basics of PHP, HTML databases, Javascript.

pre semester_

Libft
C Project

Recreation of the C standard library. Used for all future WTC projects in C.

get_next_line
C Project

C function. Read from a specified file descriptor (stdin, stdout or stderr).

General: utility functions, file I/O, string handling & memory leaks

semester 1_

FDF
Graphics I Project

3D rendering engine for height maps written in C.

Wolf3D
Graphics I Project

3D Raycasting program based off the famous game Wolfenstein written in

RTv1
Graphics I Project

3D Raytracer program that renders objects with shadows and lighting written in C.

Graphics I : matrices, geometry, planes and raytracing.

RT
Graphics I Project

Similar to RTv1 but with more features such as reflections and multi spot lighting.

semester 2_

Camagru
Web project

Instagram clone image sharing site created using only PHP

Matcha
Web project

Dating site using PHP, databases and web micro-frameworks

Web: building web applications using PHP, databases and

Hypertube
Web project

Streaming video site using MVC frameworks and bitTorrent protocol