



Tertius Roach

Curriculum Vitae

Software Developer, UI/UX Designer, Data Analyst
Content Producer, Video Editor, Film Director

My Details

Name:	Tertius
Surname:	Roach
Gender:	Male
Languages:	English, Afrikaans
Driver's License:	Code B (Own Transport)
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More information can be provided
via email or private messaging
on LinkedIn.

Qualifications

Bachelor's Degree

Film & Television Production

2014
1 Year

Producing, Editing, Directing, Technology, Cinematography,
Scriptwriting, Sound Engineering, Film Theory & Criticism,
Motion Picture Production, Research Methodology,
Simulated Workplace Practice

National Diploma

Thswane University of Technology
From 2011 to 2013

3 Years

Staatsartillerie Rd,
Pretoria West, Pretoria,
0183

National Senior Certificate

Sentraal Highschool
From 2005 to 2008

4 Years

37 General Conroy St,
Dan Pienaar, Bloemfontein,
9301

Brainline Homeschool
From 2009 to 2010

2 Years

215 Veronica Rd,
Montana, Pretoria,
0151

Developing



Producing



Employers

Projects

Art Assistant Editor & Color Gradist

SABC	From March 2016 to May 2016
Manager: Jenna Holmes Contact: On Request	Material Sourcing, Carpenter, Set Builder, Props Master, Graphic Designer
66 Carr St, Newtown, Johannesburg, 2113	

Directing Assistant

Clinton Lubbe Productions	From May 2016 to December 2017
Manager: Clinton Lubbe Contact: On Request	Clients: Nataniël, Steve Hofmeyr, Laurika Rauch, Jo Black, Bok van Blerk, Appel, Robbie Wessels, Bobby & Karlien van Jaarsveld, Inhoudhuis
533 Oregon St, Faerie Glen, Pretoria, 0081	

Video Editor

Green Planet Productions	From February 2017 to July 2017
Colleague: Brenton du Plessis Contact: On Request	Edited 24 Episodes Musiek Top 20
545-537 Len Brown St, Garsfontein, Pretoria, 0042	Edited 13 Episodes Skole Top 10

Content Producer

dphog	From April 2016 to June 2017
Portfolio: Click Here	Media Analyst, Producer, Director, Editor, Writer, Cinematographer, Sound Recordist, Casting Director, Graphic Designer

Director

SuperSport	From April 2019 to November 2019
Colleague: Karel Lensley Contact: On Request	Director, Video Editor, Sound Designer, Visual Effects, Color Gradist, Graphic Designer, Scriptwriter, Line Producer

Studio Technician

Akademia	From February 2018 to Present
Manager: Desmond Stols Contact: On Request	Video Editing, Moderating, Data Analytics, Visual Effects, Maintenance, Data Wrangling, Software Developing, Graphic Design

Ek Het - Laurika Rauch & Bok van Blerk

Running Time - 3:30 Filmed in May 2016

Daar - Hanna Boss

Running Time - 3:52 Filmed in June 2016

Skepe - Jo Black

Running Time - 3:25 Filmed in October 2016

Hatfield Square - Appel

Running Time - 3:27 Filmed in November 2016

Kinders van die Nag - TUiN

Running Time - 4:01 Filmed in March 2017

Director & Editor

Mphe Di Hoenor - Robbie Wessels

Running Time - 2:59 Filmed in July 2017

Lemoene - Bok van Blerk & Appel

Running Time - 3:26 Filmed in August 2017

1st Assistant Director

Van De La Rey tot Nou - Bok van Blerk

Colleague: Pieter Lombaard

Contact: [On Request](#)

Filmed in October 2016

Editor & Sound Designer

Ambrosia

Running Time - 31:58 Filmed in November 2013

Cry, Maria

Running Time - 27:14 Filmed in August 2014

Nag van Verraaiers

Running Time - 25:42 Filmed in October 2014

Feature Length Films

Somer Son

Data Wrangler Filmed in July 2014

Trouvoete

Props Master Filmed in February 2015

Show Reels

Shortened

Running Time - 00:52

Extended

Running Time - 04:39

Corporate Clients

ERLN, 13 March 2014

European Union, 20 & 21 May 2014

TIPS, 4 September 2014

UNU Wider, 14 & 15 July 2015

Experience

Portfolio

2015 Local IP configuration & Hypertext Transfer Protocol (HTTP)

- Experimented with Windows, Apache, MySQL and PHP (WAMP) in order to host static Wordpress websites locally on my desktop before paying for encrypted HTTPS servers.
- Created projects using Adobe After Effects with a wide array of knowledge obtained within the entertainment industry such as file formats and compression settings to create an optimal ratio between size and quality when using gifs.



Admin Automation

Built with the intent to quicken tedious tasks by synchronizing folder navigation and file renaming. This helps with archiving and also analyses statistics based on the inputted information to return essential data for instant progress updates.

2016 Server-side Integration & Email Handling

- Used Linux as a hosting service to setup prebuilt Wordpress websites for clients using Software as a Service (SaaS).
- Conducted ongoing user research to effectively maximise Search Engine Optimisation (SEO) within googles' results.
- Utilised Microsoft Excel to keep track of accounts and plan out publishing schedules to report the success of each individual social media post.



University Tracker

Administration is an integral part of any company and that's where this system comes into play. It facilitates storage by sorting the entire year's paperwork in a way that is instantly accessible. The altruistic design removes clutter by splitting paperwork into months and showing only what's needed with the least amount of effort.

2017 Online Hosting & Domain Management

- Learned about Document Object Models (DOM) in order to understand the principles of HTML and Wordpress websites.
- Uploaded and installed Wordpress themes and plugins using Linux based servers on Axxess for more secure hosting.

2018 Administration Automation & SharePoint Maintenance

- Developed and maintained landing pages using SharePoint to access, share, organise and store information according to the needs of each department.
- Made timely and critical decisions for effective cross-functional communication using relevant information to improve analytical, organisational and project management approaches.
- Improved file navigation, name generation, data tracking and email communication using Visual Basic for Applications inside spreadsheets.
- Maintained the basic non-functional unit tests for administration work while adding improvements to my workflow using continuous integration/delivery (CI/CD) pipelines.



Log a Ticket

Ticketing systems are complicated, but should they be? Here's one built with the intent to make the user experience as simplistic as possible by changing the buttons to the desired action instead of adding unnecessary options to the layout. It conditions the user to ingrain the same action when completing a task and rewards them with a completed ticket. This helps the employee focus on the task at hand with repeatable habits instead of marking tasks with a vague status which hinders transparency.

2019 Data Wrangling & Cloud Incorporation

- Used scrum agile events with a team to develop a data wrangling system to standardise the way we incorporate cloud storage for archiving video data.
- Created a JavaScript Object Notation (JSON) File to compress and store broadcasted video files onto OneDrive and synched 4 studios to work in tandem with one another when backing up content recorded locally.
- Participated in code reviews to improve my knowledge of team practices for software products and testing skills.
- Incorporated Node.js into my Software Development Kit (SDK) to ameliorate the back-end workflow of components by loading, installing and editing files with integrated Command-line Interfaces (CLI).
- Ensured that Operating Systems (OS) and MySQL components are working efficiently by installing updates along with the database administration team to administer a smooth flow of data.

2020 Front-end Developing & Source Control

- Built custom layouts with responsive interactivity to bundle paperwork onto one page used throughout the year for ease of use.
- Made basic decisions about what looks and feels good by analysing work habits colleagues already agree with and implementing it.
- Organised files by tracking and logging using push & pull methods with Git before saving it on GitHub with concise notations for each change.
- Subdivided designs into parts to help independently, create, modify, replace and exchange modules between different systems using Gulp, Sass & jQuery.
- Incorporated a Content Management System (CMS) for themed designs in order to transfer changes from one project to another while still keeping the Corporate Identity (CI) of the institution.
- Created visual prototypes with Figma/Adobe XD with an awareness of design elements to effectively plan, communicate and improve ideas to stakeholders before coding the final product.

Experience

Portfolio

2021 Back-end Developing & Standardised Operation Procedures

- Worked with the development team to improve the components and make them re-usable for future integrations.
- Defined functional unit test scenarios for client-side applications using TypeScript to verify whether a software product works as expected.
- Identified missing attribute checks and scenarios to improve software quality by exploring, testing, reviewing and automating the results using different browsers to cover all bases for the user.

2022 Application Integration & Web Security

- Used a unified framework for carrying out interchange administration to help establish relationships over the internet and integrate back-end systems to ensure all relevant business reports finances, cashing and treasury departments are delivered effectively.
- Compiled breakdowns to specify the scope of a project and predict the time frame in which it could be completed with minimal security risks as well as patch management.
- Linked cloud services to my application programming interface (API) for ease of use and to utilise the debugging tools inside of Visual Studio Code (VSC).



Applications

At first I was stuck in tutorial hell. Studying on Udemy by replicating the code without grasping the functions' essential nuances. That hurdle was soon passed when a mentor sat down with me to explain concepts like for loops, switch cases, callbacks, functions and declarations which opened up a whole new world of possibilities.

- [Bankist App](#)
- [Budget App](#)
- [Color Match](#)
- [Guess Number](#)
- [Pig Game](#)



Static Pages



Introducing the King and Queen of the internet. They rule the world wide web with an iron fist and it's compulsory for every front-end peasant to pay their taxes if they want to enter the kingdom. On a more serious note: HTML & CSS reignited my passion for design by allowing full control over the look & feel of a page. JavaScript might be the royal advisor but HTML & CSS owns the castle.

- [Art Homes](#)
- [Code Masters](#)
- [Coding Addict](#)
- [Coffee Junkie](#)
- [Fast Banana](#)
- [Music App](#)
- [OmniFood](#)
- [Web Agency](#)



Mock-up

Designing layouts is a big part for developing stable products. It would be hard to break down an approach without a visual guide for the developers to work with. Used Figma to build a rough version of my ticketing system before publishing the prototype on GitHub.

- [Log a Ticket](#)