



Daelin Campleman

Developer

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 Digital CV

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Highlights

I am a creative and motivated graduate, eager to begin my career in the software development industry. I have completed my honours in Information Science Multimedia in 2022 at the University of Pretoria, with distinction in the technology, trends, and virtual environments modules. During my final year, I completed my AWS Cloud Practitioner certification. In my 2nd year, I was awarded top BIS Multimedia student with distinction in 7 modules. I am passionate about iOS app development and as a result have gained significant experience in Swift and SwiftUI, as well as Apple's development and app release processes. Throughout my qualification, I have gained experience in full-stack back-end and front-end development as well as user interface and experience design. I pride myself on my ability to problem solve utilising a combination of analytical and lateral thinking, and display particular strength in communicating highly technical topics in a succinct and understandable manner. My initial career goal is to grow my knowledge and technical skills, and build expertise in a variety of trending technologies.

Work History

2021

Tutor - Advanced Markup Languages 2 (IMY 220)

University of Pretoria

As a tutor, I assisted students with practicals, assignments and projects as well as marking these deliverables. It required knowledge of dynamic scripts and basic web based technologies such as PHP as well as the use of relational databases like MySQL. The module explores the interplay between scripting languages, databases, and current industry standard web technologies, from both the server-side and client-side perspectives. The module has a focus on developing hands-on practical skills.

2017 - 2019

Technical Consultant

iStore Sandton Drive, Johannesburg

I worked at iStore Sandton Drive as a technical support consultant. I provided hardware and software support for all Apple products to customers. In my position I learnt everything about Apple hardware and software as well as how to diagnose technical faults. I also gained valuable communication skills when working with customers and learnt various problem solving skills.

Certifications

2022



AWS Certified Cloud Practitioner

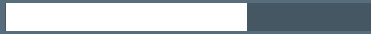
2017



Apple Support Professional 10.12

Skills

C++



Good

Java



Good

Python



Very Good

Swift / SwiftUI



Excellent

HTML / CSS



Excellent

PHP



Excellent

Javascript



Excellent

NodeJS



Very Good

React



Good

Angular



Good

UI Design



Very Good

UX Design



Very Good

Education

2022



Honour's in Information Science Multimedia

University of Pretoria - Pretoria, South Africa



Distinction in:

- IMY 771 ▶ Multimedia trends
- IMY 773 ▶ Multimedia technology
- IMY 774 ▶ Virtual environments

2014 - 2021



Bachelor of Information Science Multimedia

University of Pretoria - Pretoria, South Africa



Distinction in:

- IMY 310 ▶ Human-computer interaction
- COS 330 ▶ Computer security and ethics
- COS 314 ▶ Artificial intelligence
- COS 214 ▶ Software modelling
- PUB 210 ▶ Publishing
- IMY 220 ▶ Advanced markup languages 2
- COS 226 ▶ Concurrent systems
- COS 216 ▶ Netcentric computer systems
- COS 212 ▶ Data structures and algorithms
- VIO 202 ▶ Visual design 2
- COS 122 ▶ Operating systems
- COS 110 ▶ Program design
- IMY 110 ▶ Markup languages

2017 - 2019



Higher Certificate in Information Systems Internet Development

Pearson Institute of Higher Education - Johannesburg, South Africa

2001 - 2013



Matric Exemption

St. David's Marist Inanda - Johannesburg, South Africa

Accomplishments

2020

Top BIS Multimedia student in 2nd year
University of Pretoria - Pretoria, South Africa

2013

Full Colours for music in Matric
St. David's Marist Inanda - Johannesburg, South Africa

2013

Grade 12 music excellence award
St. David's Marist Inanda - Johannesburg, South Africa

Interests & Hobbies



Apple & related technologies



Playing, composing, & listening to music



Ice hockey & ice skating



Developing apps for personal use



Travelling

Portfolio

Websites

Visionary Studio

As part of my 3rd year projects, I created this website to show the various projects my group submitted.



visionarystudio.co.za

Casa da Carmen

This is a website I created for a short term rental property.



casadacarmen.co.za

Mantrain Solutions

This is the website I built for the company Mantrain Solutions. In addition to the website, I also created the logo for this company.



mantrain.co.za

Practice Maths

As part of my honours research project at the University of Pretoria. I built this system to gather data on the effectiveness of social elements of gamification on the learning of times tables. This system allows users to register and practice times table tests. It tracks their speed and accuracy showing users graphs of how they're doing over time. They can unlock badges for various achievements as well as add friends to compete against.



maths.campleman.co.za

Shareograph

As part of the IMY 220 module at the University of Pretoria, I created the website Sharograph. Sharograph is an image sharing application that allows you to store and view your images online, as well as share them with your friends, post comments and search for images.



daelin.stuffs.co.za/IMY220/

Media

Calm (2021) - A Short Film

Calm is a short horror film created as part of the Bachelor of Information Science in Multimedia degree. I was part of the group who created this film as well as being responsible for composing, editing and recording all of the music used in this film.



visionarystudio.co.za/filming/

Visual Arts Portfolio

As part of the VIO 202 (Visual Design) module at the University of Pretoria, I created this website which shows the three main projects for this module that I created over the year, including: an interactive animated story, a music lyric video and an interactive educational site about myths.



daelin.stuffs.co.za/VIO202/theme4/

Apps

Practice Tables

Practice Tables is an iPad app I created when I was tutoring primary school mathematics. It allowed students to practice their times tables using randomly generated questions.



Lightning Distance

Calculate the distance from your current location to a lightning strike. By counting the amount of time between seeing the flash of lightning and hearing the thunder, we can estimate the distance away. This is very useful if you want to know how close a storm is, whether it is moving away or coming closer.



Memory Grid Game

The memory grid game tests your memory by showing a grid of squares. You'll have 2 seconds to remember which of the squares are green and then tap those squares. As you submit more correct answers, the number of squares increases. Get as many as you can correct in a row and see how many levels you can get to.



Tell Me A Joke

This app uses a RestAPI to retrieve jokes at random and display them on the screen. You have the option to customise categories of jokes as well as the language of the joke.

