

James Havinga

Interactive Developer

Phone 0832757996

Email Jameshav132@gmail.com

Links [Github](#), [LinkedIn](#), [Website Portfolio](#)

01 PROFILE

I believe in the saying that knowledge is power and so I am always striving to improve as a person and as a developer. The world of development and technology is always changing and thus I am always striving to learn more and adapt to the ever-growing world of computers and technology.

02 SKILLS

HTML/CSS	Firebase
Bootstrap	PHP
Javascript	Python
jQuery	C# . NET
Node.js	Xamarin
React	Kotlin
Angular	Swift
Express	Arduino
MongoDB	NativeScript
MySQL	Tensorflow

03 EDUCATION

Open Window University

Pretoria

Degree in Interactive Development

Interactive Development explores the programming, development, and support of various digital products. The course includes the creation of 'real and useful' websites as well as mobile application developments for the explosive realm of mobile devices. It focuses on front-end development (the appearance of the design) and touches on back-end development languages (how the design is programmed to function).

04 FAVOURITE PROJECTS

.NET Core Covid 19 Testing Website

This application was one of the more challenging ones that I have created, as that's why it's one of my favourites as I am proud that I managed to eventually get it working. This website was built using C# and asp.NET core. It's a website where users can go-to book for a coronavirus test and then an admin user on the site will be able to approve or cancel the request and if it's approved the user will get a date for when their test is scheduled. Here is a link to the GitHub for the project:

<https://github.com/James-Havinga/test-management>

Covid 19 X-Ray Classification

This is one of the projects I am currently working on and is my first project where I have worked with AI and deep learning. The project is built using TensorFlow and Keras and Python. I am using these tools to create an application that can receive an image of an x-ray and then be able to identify if the x-ray has potential signs of Covid-19. This project has really opened my eyes to the world of AI and showed me how powerful AI is, and has the potential to become. Here is the link to the GitHub for the project: https://github.com/James-Havinga/Covid-19_X-ray_Classification

05 WORK EXPERIENCE

Internship at Center of Text Technology (CTexT)

Currently I have been working as an Intern for CTexT since November 2020. The projects I have worked on are building a cross-platform mobile application using nativescript and angular. I have then worked on building neural machine translation(NMT) models using ONMT as well as Marian. I then have also worked on an existing desktop application using C# and upgraded the application based on the clients requests. I then also worked on an existing Java GWT website and also further improved the website based on the clients requests. Working as an intern for CTexT I feel I have learnt so much more about development as a whole with being exposed to quite a few new technologies, as well as learning things such as working with a client, working with other developers, proper project documentation and better time management while working on projects.