



# EMILE COLLINS

Software Developer

## CONTACTS

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<https://github.com/CollinsEmile>  
<https://collinsemile.github.io>

## PROFILE

I am a psychology graduate from the North-West University and Unisa. I have learned a lot of social, analytical and leadership skills. During my honours year I found a love for coding and whilst working started to develop my skills in software development. Hard work and grit are my most defining characteristics. Anything in life worth doing is worth over doing.

## Programming Languages

- C#
- C++
- Python
- HTML
- CSS
- JavaScript

## Languages

Afrikaans (Home Language)  
English

## Education

### Degrees

B.Sc. Physiology and Psychology - North-West University (2016)  
BA Hons Psychology - University of South Africa (2017)  
B.Sc. Computer Science and Applied Mathematics -  
University of South Africa (2020 - 2024) (Finishing end of 2024)

### Courses

Python for Data Science and Machine Learning Bootcamp -  
Udemy  
Python for Financial Analysis and Algorithmic Trading -  
Udemy  
Data Science A-Z: Real-Life Data Science - Udemy

## Experience

VC Fit-Out - Production Manager (2018-2021)  
At VC Fit-Out, my duties included payroll, human resources, production, supervising teams on site, problem solving and design. VC Fit-Out is a timber construction company and my projects included iconic Cape Town hotels such as 15 on Orange, Mount Nelson and President Hotel. This taught me to work under pressure, manage people, working with different teams and different clients, also taught me about business, as I was involved in a lot of the decisions the company made.

### Reason for leaving:

I had to follow my passion, which is software development.

## Skills

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### Web-Development

- Html
- CSS
- JavaScript
- React.js

### Database Analysis

- Python
  - Numpy
  - Pandas
  - TensorFlow
- Tableau
- Gtrell
  - Machine Learning

### Software Development

- Writing Programs to make my life easier
  - C++
  - C#
  - Python

### Mathematics

- Calculus

### Leadership

- Creating and Managing teams to work effectively together.
- Knowing when and why teams don't work

### Admin

- Microsoft Excel
- Microsoft Powerpoint
- Microsoft Word

## Interests

Enjoy learning about different things, making music, solving interesting puzzles, reading, jogging, golfing, rock climbing and gaming.

## References

To whom it may concern.

This letter serves as reference for the employment of Emile Collins, by VC Fit-Out (Pty) Ltd from April 2018 until July 2021.

Emile was employed as the Production and HR Manager of our company, with a staff compliment of 10 reporting directly to Emile.

Roles and responsibilities included:

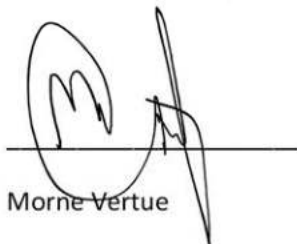
- Dealing with all HR related matters:
  - Timekeeping
  - Salaries & Wages
  - Disciplinary actions
  - Yearly performance reviews
- Production
  - Timekeeping
  - Quality control
  - Ordering and preparations of materials
  - Health and Safety
  - Client Liaison
  - Reporting to top management
  - Job sign off

Emile Always completed all his tasks diligently and on time, mostly going over and above the call of duty, implementing new programmes and systems to streamline processes.

He is extremely hardworking and loyal with a thirst for knowledge. Always learning and improving himself and others. Emile is a true team player with the ability to motivate others around him.

We were privileged to have Emile as a part of the VC family for a few years and can say with certainty that he will be an asset to any company.

Please feel free to contact me should you require any further information.



Morne Vertue

Director