



KARAN ABRAHAM

ELECTRICAL & COMPUTER ENGINEERING STUDENT

Contact

Phone: 084 506 9955

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Interests

Programming puzzles (Codewars)

Sports:

Soccer

Tennis

Badminton

Chess

Singing

Referees

Hendrich Vos

IT Teacher

Selborne College

Cell: 082 774 6157

e-mail: vos@selborne.co.za

Joseph Lumbahe

Manager and Lead Engineer of AI Division

Aizatron Pty Ltd

Cell: 079 265 7165

e-mail: joseph@aizatron.com

Programming Languages

In order of competence:

- Python
- Java
- C
- Assembly
- Kotlin
- Julia
- SQL

PROFILE

I have a passion for analytical problem solving. This has fostered my interest in Maths, Physics, and Programming because they all share the aspect of logical reasoning. I enjoy playing sports, since it allows me to connect with people, have fun and keep fit.

EDUCATION

University of Cape Town

2020 – Present

Electrical & Computer Engineering

3rd year distinctions:

- Electromagnetic Engineering
- Computer Science (Data structures and Databases)
- Embedded Systems 2 (Assembly, Verilog, ...)

High School: Selborne College

2015 - 2019

6 distinctions in Matric

Honours Award for Academics

First Team and Colours Award for Chess

Represented regional team for chess (2016 – 2018)

VACATION WORK EXPERIENCE

Aizatron

4 Jul – 15 Jul 2022

I designed and implemented a basic Smart Attendance Register System using Python. I used MongoDB to store data; `xlsxwriter` (a python package) to create an Excel spreadsheet; and SMTP to email the Excel spreadsheet.

Actiotech

15 Feb – 12 Mar 2021

I learned Go, a programming language used by the firm. This introduced me to the concept of concurrency.

LEADERSHIP

I had the rewarding experience of leading the East London Malayalee Association (ELMA) Junior committee in 2019. With the help of the ELMA executive committee, we were able to raise money for those affected by the floods in India.