

Claude Formanek

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JUNIOR DEVELOPER

I am 22 years old and am in my final year of a B.Sc. in mathematics and computer science at the University of Cape Town. I am an enthusiastic and hard-working individual who thrives on problem solving. Every year I compete in at least 4 different national and international programming competitions as part of a UCT team. This year I also completed an extensive third year mathematics project on *algorithms in graph theory*. I have worked on several of my own development projects such as game development in Unity, a python app to handle online bookings and I have built and deployed several websites. I have also done python development to customise Odoo (a business management application). I am a well-rounded individual with very good social skills. I was head boy at my school, I play a lot of sport (including soccer, surfing and CrossFit) and I enjoy traveling - having backpacked through Mozambique and Malawi last year. I am always eager to learn and self-motivated to explore.

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|--------------|-------------------|--------------|-------------|
| ➤ Java | ➤ Graph Theory | ➤ TensorFlow | ➤ Android |
| ➤ Python | ➤ Dynamic | ➤ Docker | ➤ Odoo |
| ➤ C# | ➤ Programming | ➤ Git | ➤ Unity |
| ➤ Unix/Linux | ➤ Neural Networks | ➤ SQL | ➤ WordPress |
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PROFESSIONAL EXPERIENCE

ADVANCE AFRICA, Gauteng, South Africa, Grant Merrick, grantm@advanceafrica.co.za - 2019

Consulting on computer system design for aquaculture project in the Seychelles

Advance Africa develops sustainable agri- and aquaculture projects around southern Africa. They helped the Seychelles government establish a new aquaculture industry in their country and want to purpose the implementation of a modern database system to enable the effective management and regulation of the aquaculture industry. I was tasked with drafting the system specification document, doing research to find potential solutions and contacting various service providers (such as Oracle and SAP) to get quotations. I arranged and conducted several meetings with consultants from the different companies and presented my findings and recommendations to the Advance Africa team.

EDUCATION

National Senior Certificate (IEB) – 2015

DEUTSCHE INTERNATIONALE SCHULE JOHANNESBURG, Gauteng, South Africa

Final Year of Bachelor of Science (B.Sc.); Mathematics & Computer Science – 2019

UNIVERSITY OF CAPE TOWN, Western Cape, South Africa

ACHIEVEMENTS

HEAD BOY, Deutsche Internationale Schule Johannesburg – 2015

Marian Wilkins: marian.wilkins@gmail.com

I was voted in as Head Boy by the student body and the teaching staff of my school. My duties included leading the prefect's team. We were responsible for organising several school functions and charity drives. I personally conducted many speeches during school assemblies.

SCHOLARSHIP RECIPIENT, KAS Scholarship Programme – 2016 & 2017

Christina Teichmann: christina.teichmann@kas.de

The Konrad-Adenauer-Stiftung (KAS) is a German political foundation that operates worldwide with the aim to promote democracy through political education and training. I was one of two candidates to receive the scholarship in South Africa. As part of the programme, I was invited to attend several seminars hosted by KAS and its partners that mostly had to do with world politics and leadership.
