



Chris Viviers
South African

Current Residency
Rotterdam,
Netherlands

Languages
English
Afrikaans
Dutch A1

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Christiaan Günter Alwyn Viviers

Electrical & Electronic Engineer

About me As a technology enthusiast with a never-ending desire to learn new things, I believe that there is always work to be done. I am an ambitious and determined individual that enjoys the challenges that come with problem solving. By applying my unique perspective to approaching problems, I am able to bring about creative solutions. Regardless of the work that I am busy with, it is always driven by a passion for a positive impact on society.

Experience

Aug 2018 - Present, Software Engineer at Philips

I joined Philips Image Guided Therapy systems (IGTs) as part of the system test team. My responsibilities are divided between working on improving test automation and the technologies my team has access to, as well as introducing various new software platforms to Philips IGTs.

Best, Netherlands.

June 2018 - Present, Engineering Trainee at Yacht

I am a part of a program designed by Yacht to accelerate personal and technical growth. The goal is to develop specialist engineering skills through intercompany client projects while developing leadership, management and other soft skills through active coaching and guidance.

Eindhoven, Netherlands.

Feb 2016 - July 2017, Student Assistant

I assisted in teaching various electric and electronic engineering-related courses at the University of Stellenbosch. Some of these include: C programming, Electronic Design and Electronic Components.

Stellenbosch, South Africa.

Jan 2016 - Mar 2016, Researcher

Research and Development of Biosensors and Microfluidics at SAND microfluidic laboratory, Stellenbosch University. Successfully developed a biosensor prototype for bacteria detection.

Stellenbosch, South Africa

Education

2016 - 2017, MEng. Electrical & Electronic

Masters Degree (MEng.) Electrical & Electronic Engineering. Cum Laude. Biotechnology Specialization. Thesis title: The Design and Fabrication of an Autophagy Flux Biosensor.

Stellenbosch University, Western Cape, South Africa.

2016 - 2019, Online Courses

Various online courses completed

- Machine Learning, Stanford University on Coursera, Andrew Ng
- Full Stack Web Development Nanodegree, Udacity
- Secure & Private AI, Udacity

2012 - 2015, BEng. Electrical & Electronic

Bachelor Degree (BEng.) Electrical & Electronic Engineering. Informatics Specialization. Thesis: Development of a Resistive Microfluidic Sensing Device for Pathogen Detection. Awarded the Jac Van der Merwe prize for the most innovative thesis in the Faculty of Engineering 2015.

Stellenbosch University, Western Cape, South Africa.

2007 - 2011, High School Diploma

Graduated from High School at Oudtshoorn High School.

Oudtshoorn, Western Cape, South Africa.

Skills & Competences

Programming Languages

- C#
- Python
- C/C++
- JavaScript
- MatLab/Octave
- HTML & CSS

Platforms

- Blender
- Unity 3D
- Eagle
- AutoCAD: Inventor
- PTC Integrity
- Unix

Software Frameworks

- OpenCV
- Tensorflow - Keras
- PyTorch
- Bootstrap
- .Net
- Git Version Control

Other

- Critical Thinker
- Goal Orientated
- Team Work
- Strong Communication Skills
- Hardware Design
- Antibody Work
- Cell Culture
- Data Analytics

Hobbies & Interests

From an early age, I have always loved to analyze, dismantle and tinker with all kinds of gadgets and gizmos. The majority of my free time is spent exploring the latest tech that I can get my hands on or delving into a new piece of software that could open up exciting opportunities. Another passion of mine is traveling. As a curious mind, I am extremely captivated by what lies across the horizon, whether it be vast landscapes, interesting foods or a unique philosophy to live by. I am also a strong believer in learning new things through engaging with new cultures and working in different environments. At the end of a long day of eager learning, there is nothing quite as relaxing as indulging in the latest digital entertainment or spending quality time with friends and family.

References

○ Prof WJ (Willem) Perold

Position: Vice Dean of research. Stellenbosch University Undergraduate and Masters degree Supervisor.

Email: wjperold@sun.ac.za

○ Prof Ben Loos

Position: Professor Stellenbosch University Masters co-supervisor

Email: bloos@sun.ac.za