

CURRICULUM VITAE

Name : Keis Gerhardt Smit

Nationality : South African

Race : White

Date of Birth : 11 February 1998, Pretoria

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Marital Status: Single

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Languages : English (Native speaker) Afrikaans (Intermediate)
German (Advanced) Spanish (Beginner)
Romanian (Beginner)

Skills and Interests: Sport: Rugby, football (soccer) and cricket;
Interested in establishing renewable energy in developing countries as a form of energy security and stability;

SECONDARY EDUCATION

2005 – 2010 Berlin British School

2010 – 2012 Deutsche Schule Pretoria

2012 – 2017 British School of Bucharest – IGCSE & A-level
A-level: ICT (B), Maths (C), Physics (D) and **AS level:** Biology (C)
IGCSE: German (A*), Maths (A), Physics (B), and 6 other subjects ranging from (C to B)

I have built various sterling engines on my own, using tin cans, fishing wire and other related materials. Each engine worked with different mediums: either steam or hot air. I voluntarily joined the “Innovation Hub”, the following year, where I’ve learnt how to build a go kart with a team of likeminded students. We custom built the frame without any welding. These projects helped to develop my evaluative, analytical and leadership skills. During these projects I have developed and learnt various engineering skills and laws, such as: static analysis, second moment of area, considerable experience with power tools and technical drawings.

Computer literacy : Microsoft Word, Excel, Power Point, Access,

Leadership Positions:

Senior Prefect in Grade 12 and 13 at the British School of Bucharest;
Introduced and Coached the Junior Rugby Team

2018

Abbots College, Silver lakes Pretoria - NSC

TERTIARY EDUCATION

Feb 2019 - Present B.Eng Mechanical engineering at the University of Pretoria

During my first year at the university I have successfully completed the UP3D course as an introduction to issues of critical diversity which helped me gain the ability to navigate the world as an academic citizen.

Previous Internships:

2016

Optim, Project management in Bucharest, Romania | intern for a week:

- Understanding of building techniques and the workings of a civil engineering firm.
- Clear understanding of the importance of building maintenance, building restoration and foundation stability.
- Basic knowledge of material properties in building construction.
- Limited knowledge of digital image construction software.
- Little Experience with Gant Charts and project planning.
- High level of knowledge in safety practices at work and level 1 First Aid.

2017

EMON, telecommunications contractor in Campina, Romania | Intern for a week:

- Programmed RTU-32 PLC using ladder logic on Stratton software, practicing feedback loops and time delays.
- Interacted with Mechanical Engineers and Computer Scientists.
- Worked with the server maintenance department, learning about security measures and server stability.
- Basic understanding of the production of solar panels, providing electricity to the locals.

Social Work: Volunteering Experiences:

- Bucharest Children's home helping to make food, engage with the children and raise funds
- Helping to organize collections for Don Orione's disabled children in Romania
- Member of the amnesty International Group where, my fellow students and I, helped raise funds to support Syrian refugees in 2016
- Part time work at SPAR, Queenswood, loading and unloading trucks

REFERENCES:

1. Mr. Philip Walters (2012 – July 2017)

Organization: British School of Bucharest (Fundatia Crawford House)

Address: 42 Erou Iancu Nicolae Street, Ilfov County, 077190, Romania

Relationship: (Head teacher)

Contact Details: British School of Bucharest

Tel: 0040 736901771

E-mail: Philip.walters@britishschool.ro

2. Mr. Tudor Bogdan Atanasiu (2012 - 2017)

Organization: British School of Bucharest (Fundatia Crawford House)

Address: 42 Erou Iancu Nicolae Street, Ilfov County, 077190, Romania

Relationship: Innovation Hub Coordinator

Contact Details: British School of Bucharest

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3. Mr. John Flood (2012 - 2017)

Organization: British School of Bucharest (Fundatia Crawford House)

Address: 42 Erou Iancu Nicolae Street, Ilfov County, 077190, Romania

Relationship: Mathematics Teacher

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