

Matthew Reynard

Electrical Engineer | Computer Science | Machine Learning

about

address:

Pinelands, 7405,
Cape Town, South Africa

email:

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alt email:

18610943@sun.ac.za

github:

https://github.com/
matthew-reynard/

website:

https://www.
matthewreynard.com/

coding languages

Programming

C, C++, Java,

Scripting

Python, JS, MySQL,
Octave

Markup

HTML, PHP, CSS, L^AT_EX

physical activities

- Basketball
- Hockey
- Soccer
- Gym

personal statement

I am a hardworking, motivated and enthusiastic engineer who is studying further to master his field. I am a quick learner and have put my skills to work becoming proficient in the programming environment since I was introduced to coding in 2014. I am able to work well independently and as part of a productive team and am always open to new experiences and opportunities to learn.

personal details

D.O.B.	24/05/1995
Sex	Male
Nationality	South African
Marital Status	Single
Drivers licence	Code A and B
Dependants	None
Languages	English (Home Language), Afrikaans (Moderate understanding)

education

2018 - Present	Master's Degree in Engineering MEng: Electrical and Electronic Engineering <i>Title of Thesis:</i> "Reinforcement Learning vs Inverse Reinforcement Learning in the Minecraft Gaming Environment" <i>Supervisors:</i> Prof. Herman Engelbrecht & Dr. Herman Kamper	Stellenbosch University
2014 - 2017	Bachelor's Degree in Engineering BEng: Electrical and Electronic Engineering <i>Skripsie Topic:</i> "Design of a Low-Pass Harmonic Suppression Filter for Wireless Power Transfer Applications" <i>Academic record:</i> 67.33 % average	Stellenbosch University
2009 - 2013	National Senior Certificate <i>Leadership:</i> Deputy Chairperson of the Representative Council of Learners (RCL), Prefect, Captain of First Team Basketball <i>Awards:</i> Academic Full Colours, Joubert Cup and the Prize for the Physical Sciences, Clark Cup for Excellence in History, Team Award for Hockey, Half Colours Award for Basketball <i>Subjects:</i> English Home Language, Afrikaans First Additional Language, Mathematics (98%), Physical Science (94%), Life Science (90%), History, Life Orientation, Advanced Programme Mathematics <i>Academic record:</i> 86.57 % average	Pinelands High School

strengths

- Team Player
- Friendly
- Enthusiastic
- Patience
- Trustworthiness

weaknesses

- Uni-lingual

projects

Android apps

Zer0 Void
(Currently in Beta)

Websites

UPS Technologies -
www.upstech.co.za
(Under construction)

United Radiology
Solutions -
www.unitedradiology.com
(Under construction)

My Own Website -
www.matthewreynard.com

employment history

- Dec 2016 **Diesel Filler** [UPS Technologies](#)
Part time work for a Power Electronics Company based in Cape Town
Job description: Maintain diesel levels for backup generators
- Dec 2012 **Marketing** [Old Mutual Marketing](#)
Part time work handing out flyers at Kirstenbosch Botanical Gardens for 3 hours on a Sunday before the evening concert
Job description: Distributing advertisements to the public

interests

I am interested in all things technical. I am an avid gamer and enjoy spending my spare time gaming on console and PC. I have a keen interest in AI and in particular Machine Learning and how it will shape our future. I spend many hours programming and developing mini-games for Android and PC. I also enjoy spending time with friends and family, playing basketball, and watching soccer.

references

- Prof. Herman Engelbrecht** hebrecht@sun.ac.za | (+27) 21 808 2139
Co-supervisor for my Master's in Engineering at Stellenbosch University.
- Dr. Herman Kamper** kamperh@sun.ac.za | (+27) 21 808 4457
Co-supervisor for my Master's in Engineering at Stellenbosch University.
- Dr. Elmine Meyer** ebotes@sun.ac.za | (+27) 21 808 4451
Supervisor for the final year project (Skripsie) in my Bachelor's Degree in Engineering at Stellenbosch University.
- Adele Petersen** adele@upstech.co.za | (+27) 82 821 8820
Director - UPS Technologies.