







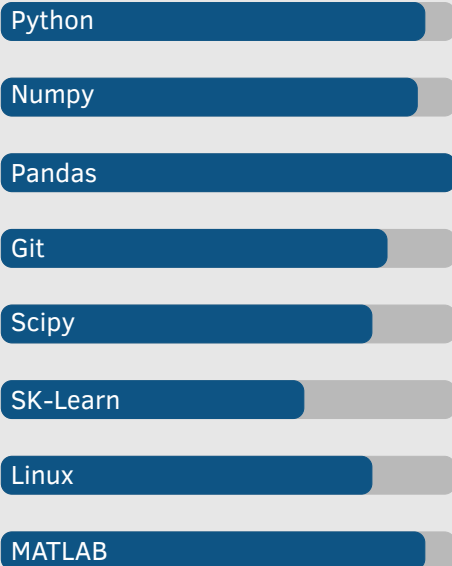
GrantStephens

Engineer


 26 April 1988
 South Africa
 +27 (0)84 900 0629
 grant.stephens.co.za
 grant@stephens.co.za
 stephens.grant



Skills



Links

 /grantstephens
 /grantstephens
 /grantstephensza
 /grantstephensza

experience

2017-Current **EDITED** Engineer
Visual merchandising shooter, Unit testing, Deployment, Optimisation

2015-2017 **HealthQ (LifeQ) Technologies** Engineer
Modelling, Unit testing, Digital signal Processing, Integrating and optimising the virtual human model

2014-2015 **WKC Group** Environmental Engineer
Air dispersion modelling for refineries in the Middle East, DRC and South Africa

2013-2014 **Barden Racing** Race Engineer
Responsible for the the race vehicle (Maintenane and Repair). Finished the 2014 Dakar rally in 25th place and 3rd placed rookie.

education

2014-2016 **M.Eng (Mechanical)(Distinction)** University of Pretoria
Thesis focussed on optimisation and flow through porous media. Optimisation work found a new method of finding a starting point in a global problem with many local minima.

2012-2013 **B.Eng (Mechanical)(Honours)** University of Pretoria
Electives included: Numerical Methods, Optimisation, Advanced Finite Element Methods and Porous Flow

2007-2011 **B.Eng (Mechanical)** University of Pretoria
Distinctions: Programming, Final Year Project.
Activities: Mini Baja, Ultimate Frisbee, Vlot Kaptein

interests

professional: optimization, machine learning, PEP8, FEM, green energy
personal: adventure, mountain biking, running, electronics, engines, tinkering

awards

2006 **Renaissance Man Award:** Awarded to the most active student in all three spheres of school life, being sport, academics and culture.

references

Dr Nico Wilke University of Pretoria
Masters Supervisor
Senior Lecturer, Department of Mechanical and Aeronautical Engineering.
Mail: nico.wilke@up.ac.za
Phone: +27 (0)12 420 2861

Mr T Rundle Barden Racing
Reported to at Barden Racing
Owner and Driver at Barden Racing
Mail: thomas@barden.co.za
Phone: +27 (0)82 801 1520

side projects

Bitcoin Trader A bot that automatically trades bitcoin based on my own model. Much of the supporting code has been open sourced and is being used in other bots.

Analog GPS A project where a GPS chip is used in an analog speedometer to display the speed. Featured on hackaday.com here: <http://hackaday.com/2016/06/28/analog-guts-display-gps-velocity-in-this-hybrid-speedometer/>