

GrantStephens

Staff Engineer

 26 April 1988
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Skills

Python

Go



Pandas

Git

Kubernetes

Linux

Links

 /grantstephens
 /grantstephensza

experience

2022-Current	Fastly	Staff Engineer
	Logging team: Improving efficiency, Go best practices, improving monitoring	
2019-2022	Ravelin	Data Engineer
	Moving data science infrastructure to kubernetes, running ML models in production and DBT deployments	
2017-2019	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 (Maintenance 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, kubernetes, FEM, green energy
personal: adventure, mountain biking, running, electronics, engines, tinkering

presentations

2020	Go Scratch Tensorflow- London Gophers: https://www.youtube.com/watch?v=tjiZOytKLSU
2020	Darkweb- Good, Bad, Grey- MRC Online

side projects

Stravify	Links Spotify and Strava to add playlist to your strava activity.
3D Printer	Built a 3D printer and then designed and built a number of items using OpenSCAD, Solidworks and others.
Bedroom Star Lights	Built a starlight array over my bed using micro-controllers and lots of soldering. https://rexfuzzle.com/diy-starlight/
Analog GPS	A project where a GPS chip is used in an analog speedometer to display the speed. Featured on hackaday.com: http://hackaday.com/2016/06/28/analog-guts-display-gps-velocity-in-this-hybrid-speedometer/