

# **Resume**

Bruce Graham

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## **1 CONTACT**

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## **2 SUMMARY**

Bruce is a BSc graduate through UNISA. Bruce has been an ardent Open Source Unix enthusiast and hobbyist since Linus Torvalds announced his kernel. Bruce has tinkered with device drivers on FreeBSD in C, set up his own PostgreSQL server and built clusters, as well as building his own systems. Bruce has developed expertise in Bash and R and has programmed in SQL, C and Python.

## **3 TRAITS**

- Excellent written communicator
- Expert problem solver on Linux
- Technically orientated and
- An independent worker (with facilities for remote work.)

## 4 SKILLS

Skill	Level
R	senior
Python	intermediate
Ansible	beginner
deb	working
rpm	working
Git	working
Bash	working
Command line	expert
Ubuntu	senior
CentOS	senior
PostgreSQL	intermediate
C	senior
Apache config	intermediate
Shiny	beginner/inter

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## 5 PROJECTS

- Bruce compiled the 2.18 kernel tweaking the device drivers and fitting the available drivers. On numerous occasions Bruce compiled a full monolithic kernel and successfully ran his machine.
- Bruce constructed his own Linux systems, researching required hardware and available drivers.
- Bruce installed a picoITX form factor PC using a 12V DC ATX power supply in his caravan.
- Bruce tweaked the FreeBSD USB driver to pick up his USB device which had an unknown IC and an unusual signature.
- Bruce used lithographic principles to build his own hand made circuit board.
- Bruce conducted a 'from scratch' analysis of his expenses in R, attempting to incorporate work from his actuarial studies on ruin theory.
- Bruce made various attempts at creating an insightful Dashboard for his portfolio of equities.

## 6 EDUCATION

Honours Bachelor of Science (Incomplete) *[2005-01-31 Mon] to [2006-11-30 Thu]* Operational Research University of South Africa, Pretoria

Bachelor of Science [*1993-01-31 Sun*] to [*2004-10-31 Sun*] Operational Research,  
Mathematics, Statistics (2:2) University of South Africa, Pretoria

## 7 WORK EXPERIENCE

Personal investment manager 2017-01 to present Work from home Bruce conducts research and reading on the markets and economy with an eye to harnessing ultra long term market forces and trends. Bruce has become a connoisseur of investment products with excellent risk management and is not a return chaser.

Entrepreneur 2008-04 to 2015-07 Wilfredo's Ice Cream Company Bruce performed product R&D and established a factory. He also researched a financial reporting system and performed the bookkeeping. With his business partner, they produced ice cream and delivered it. Bruce administered the business and guided the direction of the business, spending his free time building a spreadsheet model to anticipate cashflow and profitability of the business.

Entrepreneur 2006-09 to 2008-01 Karoo Wireless Bruce was involved in the pilot phase of this business. He scoured the surrounding mountains for antennae sights. He lobbied the municipality for support. He canvassed the area for customers and lobbied for business. Bruce formed a partnership with a company in George to perform the technical setup. Bruce left after having secured the first few customers.

## 8 REFERENCES

On request