CURRICULUM VITAE

Bruce R Graham

bruceg72@pm.me

TRAITS

- ✓ Written communicator
- ✓ Practised problem solver on Linux
- ✓ Technically oriented
- ✓ Analytical
- ✓ Disciplined and independent
- ✓ Productive behind a screen

SUMMARY

Bruce is a science graduate in Operational Research and Statistics through UNISA.

He has been an ardent Open Source Unix enthusiast since Linus Torvalds announced his new kernel and he has tinkered with device drivers on FreeBSD in C

Bruce has made scores of installations with various flavours of Linux, OpenBSD and FreeBSD. He has also built dozens of systems for home use.

In the last decade Bruce was involved with a niche ice cream startup in Cape Town.

Bruce has subsequently spent time at home managing his investments and raising his family.

Bruce is looking for a remote role in system administration or devops.

PROJECTS

Kernel compilation

Bruce compiled the 2.18 kernel, configuring and fitting the device drivers to the available hardware. On numerous occassions Bruce compiled a full monolithic kernel and successfully ran his machine.

PC construction

Bruce constructed his own PC systems, researching hardware and availability of drivers on different platforms.

Kernel driver tweaking

Bruce tweaked the FreeBSD USB wireless driver to pick up his USB device which had an unknown bluetooth IC and an unusual signature.

PCB Lithographic etching

Bruce used lithographic principles to etch his own hand made circuit board.

Analysis in R

Bruce conducted a 'from scratch' analysis of his expenses in R, attempting to incorporate work from his actuarial studies on ruin theory.

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

Bruce has spent the last 4 years registered with the Actuarial society as a student member. He has written two exams with FB results.

SKILLS
══════

R *xxxx*
Python *xxx*
Git *xx*
Bash *xxx*
C *xx*

WORK EXPERIENCE
═══════════════

Personal investments
────────────────────

2017 Jan to Present

Home

Bruce conducts research and reading on the markets and economy with an eye to harnessing ultra long term market forces and trends.

Startup founder
────────────────

2011 Oct to 2016 Dec

*Wilfredo's Ice Cream Company
*

2011 Performed product R&D and researched manufacture and delivery options. Also researched a financial reporting system.

2012-2014 With business partner, we manufactured ice cream and delivered it.
Bruce administered the business. He issued invoices, handled incoming invoices, made payments, updated the books and handled the VAT.

2015-2016 Bruce also handled the end of year AFS and guided the
direction of the business.

Bruce spent his free time building a spreadsheet model to anticipate
cashflow and profitability of the business. To this end he discovered
a difficulty with future cashflow that only a very deep pocket and
phenomenal sales growth could overcome. This was met with sheer
disbelief by his partner. But as the prognosis of the model started
coming true and in light of the insightful information provided by the
model, further equity capital was withheld and lossess of up to
R15million were nipped in the bud.

REFERENCES
═══════════

On request