David Trail

CONTACT INFORMATION	11/6 Watson Crescent Edinburgh EH11 1HB	*Mobile:* +44 7816 630 167 *Email:* mr.dj.trail@gmail.com *DoB:* 8th of January 1990

PERSONAL PROFILE

I am one of those people that's always been obsessed with technology, I took my degree in Computer Science not solely because it held good future prospects but because I enjoyed coding and computers, maths and physics. I have continued this love of what I do throughout my life, I have found my interests these days line up with Linux system administration, networking, security and Python.

I know that my continued interest in these will lead to my becoming an expert in that area.

EDUCATION

Computer Science BSc, **Heriot-Watt University**
September 2007 to May 2011

2nd year	3rd year	4th year
Database Management	Artificial Intelligence	Distributed Systems
Discreet Mathematics	Operating Systems	Parallel Technologies
Internet Communications	Computer Graphics	Data Mining
Software Design	Professional Development	Machine Learning
Formal Specifications	Concurrency	Biological computation

CAREER

Freelancer, Edinburgh

Freelance work & personal projects
September 2014 onwards

- Freelance work for various clients all over the world. Generally related to Linux sysadmin or small coding jobs. Examples: Setting up OpenVPN, PPTP and L2TP/IPSec. Migrating a website from Heroku to their own VPS. DNS issues and email troubleshooting.
- Learning new Linux/BSD tools every day (Puppet, Chef) in order to better my chances of getting a job in Linux system administration or DevOps.
- Keeping my mind busy with "challenge websites" such as Project Euler and Smash the Stack

Escuela de Idiomas, Salamanca, Spain

Learning Spanish & code projects
July 2013 to September 2014 (1 year 2 months)

- Learned Spanish to level Intermediate 1 (B1)

- Worked on code with a group of 3 others, PostgreSQL and Django were the primary technologies involved
- Did some code every day, some of which is viewable on my Github
- I was running Arch Linux locally and ran a dedicated server which was leased out to various clients. I set up the VMs with KVM/Qemu, managed the networking and many of the clients' services

Scotweb, Edinburgh

Software Engineer
June 2011 to July 2013 (2 years 1 month)

- Perl, C++ and Python with Twisted Python
- Extensive use of Javascript with jQuery
- System administration of various Linux/Mac machines
- Latest web technologies (HTML5, CSS, nginx, caching, load balancing)
- General technical support

FEEDBACK

- "Committed and energetic. Receives feedbacks well. This task was above what we both expected. He did, however, go above and beyond to ensure my satisfaction." - Mr. Marcel Wah

- "Excellent! Fast and professional work done by this guy, he located the errors instantly, and helped me all the way through to fixing it." - Mr. Daniel Medveczky

- "Knowledgeable and friendly." and "Thanks for your passion on it by the way" – Mr. BucketTse (wishes to remain anonymous)

- Many more ...

REFERENCES

Name	Dr. Greg Michaelson	Mr. Stewart Robertson
Relation	Final year supervisor	Personnel manager
Email	G.Michaelson@hw.ac.uk	stewart@scotweb.co.uk
Phone	+44 131 451 3422	+44 131 452 8357