

David Trail

CONTACT 11/6 Watson Crescent *Mobile: +44 7816 930 167*
INFORMATION Edinburgh *Email: mr.dj.trail@gmail.com*
EH11 1HB *DoB: 8th of January 1990*

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

2 nd year	3 rd year	4 th year
Database Management	Artificial Intelligence	Distributed Systems
Discreet Mathematics	Operating Systems	Parallel Technologies
Formal Specifications	Concurrency	Biological computation
		4th year project

CAREER **Freelancer**, Edinburgh

Contract, freelance & side projects

September 2014 onwards

- Freelance work for various clients. Generally related to Linux. OpenVPN, PPTP and L2TP/IPSec. Migrating services. DNS issues and troubleshooting
- Experimenting with complex local networking amongst VMs running various distributions, configuration management (Puppet) and deployment strategies
- Keeping busy with challenges on [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 from nothing to B1 proficiency
- Kept up to date with my coding, some of which can be found on [Github](#) or [Bitbucket](#)
- I ran a dedicated server which was leased out to various clients. I set up the VMs with Qemu, managed the networking and many of the clients' services

Scotweb, Edinburgh

Software Engineer

June 2011 to July 2013 (2 years 1 month)

- Mostly Python (with Twisted/Django). Some Perl, Bash and C
- Extensive use of Javascript with jQuery and ajax to communicate with Twisted
- System administration of various Linux/Mac machines
- HTML5 and CSS3
- Caching, load balancing, speed testing
- PostgreSQL query optimization, schema design and testing