

David Trail

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EH11 1HB *DoB:* 8th of January 1990

EDUCATION Computer Science BSc, **Heriot-Watt University**
September 2007 to May 2011 (4 year degree)

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

Freelance work & personal projects

September 2014 onwards

- Freelance work for various clients. Generally related to Linux. Open-VPN, PPTP and L2TP/IPSec. Migrating services. DNS issues and troubleshooting.
- Using Unix tools every day in order to better my chances in my job searching.
- 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)