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# DANIEL GRAMMATICA

## SYSTEMS ADMINISTRATOR



Peterborough UK | 07474 708 718 | [dan@t0xic.me](mailto:dan@t0xic.me) | [t0xic.me/cv](https://t0xic.me/cv)

## About

I have always had a fascination with technology since a young age. At twelve I was helping to manage my schools network and fixing computers for friends. This passion only grew as I got older and transformed into a career. Although I spend a lot of free time tinkering, building and crawling /r/sysadmin, I recognise the need to disconnect. From this need I have developed a great love for all things outdoors, especially climbing. I spend a lot of my free time down the local climbing gym and weekends exploring the Lake District and Snowdonia.

## Work

### *The Raspberry Pi Foundation*

**IT Support & Systems Analyst** | 2016-03-21 — 2017-05-31

I joined the Raspberry Pi Foundation during a sustained period of growth, within a year we went from roughly 20 employees to 120+. This was an initial contract of three months with the aim to deploy a cloud infrastructure and improve local infrastructure in Cambridge and London.

### *Highlights*

- Helping with the security requirements to enable ground to space communication with our two Raspberry Pi's on the International Space Station.
- Networking with leading professionals at a variety of events, most notably our birthday party celebration at the Houses of Parliament.
- Spending a week at the family orientated music festival Camp Bestival teaching children how to code in Scratch and Python.
- Migrating the foundations existing hosted exchange and file storage to the Google suite of applications.
- Working with different teams to identify workflows and establish IT systems to help automate and remove mundane processes.
- Identifying the needs of different teams and trialling different CRM's before implementing the most suitable system.

### *Smart Technologies*

**IT Systems Engineer** | 2015-10-18 — 2016-03-19

At Smart Technologies I supported over 45 clients with 235 Servers and 1000+ Workstations alongside my colleagues. Moving to the Private Sector was an interesting step knowing

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there wasn't much adoption for OpenSource systems within Small/Medium Business Applications.

### **Highlights**

- Exposure to proprietary systems, SLA's, their commercial uses and vendor contracts that come with.
- Building my PowerShell skills developing fixes and scripting solutions for clients. Managing Cloud Based systems, Office365, Spam filtering, Remote Management etc.
- Migrating clients to hosted solutions ensuring a smooth changeover, without any loss of data or business productivity.
- Working with a vast range of Hardware/Software products. Applying previous knowledge to new systems, discovering the fundamentals are the same.
- Developing my customer focus and team working skills, ensuring the client is satisfied with the end product and level of support.

## **Bourne Grammar School**

**Systems Administrator & Performing Arts Technician** | 2011-03-01 — 2015-10-18

I started at Bourne Grammar School as an IT Technician after proving myself as a student IT assistant. My main responsibility was providing support for 1800 pupils and 100 staff. As I worked up to Systems Administrator I've built new systems and optimised many others, improving the end-user experience and enabling the School to use their finances for other departments.

### **Highlights**

- Setting up an OpenStack private cloud to enable students to experiment with Linux and web servers.
- Using Cobbler and Fabric to PXE boot and configure a subnet of PC's with a Windows/Linux dual boot.
- Rebuilding the Schools network improving reliability and implementing VLANs. Along with a Fortinet firewall, web filtering and Nginx reverse proxy to save on IPv4 address'.
- Implemented BYOD for 1800 users using Meru wireless networking, combined with port ACL's for security.
- Building an Asterisk PBX to replace our dated Siemens analogue PBX, saving the School on expensive phone lines and support contracts.

## **Education**

### **Bourne Grammar School**

2005-09-01 — 2010-07-01

- 9 GCSE's including Maths, English, Science, IT
- 1 GCE AS - Computing

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## Volunteer

### Cambridgeshire Search and Rescue

**Search Technician** | 2017-03-01 — Present

Cambridgeshire Search and Rescue (CamSAR) is the Lowland Rescue unit covering our county, often also assisting sister teams in the wider region. We are a specialist team, called upon by Police in the search for vulnerable missing people: a child, an elderly person living with dementia or even someone who is considering taking their own life.

#### Highlights

- Locating a missing person allowing family and friends closure.
- Building on my skillset with specialist training.

### Bourne & District Roundtable 896

**Hon. Treasurer** | 2014-10-01 — 2017-04-01

Roundtable is about having a good time, networking and helping the local community. As well as our Music Festival, we invite the pensioners in Bourne to a Christmas Dinner. Along with a Fireworks night raising funds for the local primary school.

#### Highlights

- Organising a Music & Beer festival annually for the local community, raising on average £20k for charity.
- Attending social events. Raft race, Segwaying, Shooting and drinking!

## Skills

### Systems Administration

Linux (Mostly Debian based) Fortinet Windows Windows Servers  
Networking Scripting (Python/Shell/Powershell) Documenting LEMP/LAMP Stacks  
Cloud Services

### Web Development

HTML CSS Markdown Frameworks CMS Photoshop/InDesign

### Live Events

Event management Sound Lighting Stage Rigging Health & Safety

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## Interests

### Online Rights

• Electronic Frontier Foundation • Open Rights Group • Crypto-parties • Raising awareness

### Great Outdoors

• Bouldering • Rock Climbing • Scrambling • Adventures • Wild Camping

### Water Sports

• Kayaking • Canoeing • Paddle-boarding

## References

### — Philip Colligan, Chief Executive – The Raspberry Pi Foundation.

Daniel has quickly established himself as able to learn and apply new skills and knowledge. His recent work on setting up a Linux AD integrated environment was impressive.

### — Stephen Brown, Director of Computing - Bourne Grammar School

Daniel has matured into a very responsible, hard working and honest young man, someone I am proud to call a true friend.

### — Harry Goodger, Managing Director - Paridom Company Ltd.