Daniel Grammatica
Systems Administrator

Contact

Email
dan@t0xic.me

Phone
Email me

Website
http://t0xic.me (http://t0xic.me)

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.

Profiles

Github
stdg11 (https://github.com/stdg11)

Work

Respberry Pi Foundation

2016-03-21 — 2017-05-31

IT Support & Systems Analyst   https://raspberrypi.org (https://raspberrypi.org)

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

2015-10-18 — 2016-03-19

IT Systems Engineer   http://mysmartgroup.co.uk (http://mysmartgroup.co.uk)

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 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. For example Firewall's being a Linux Box running IP Tables alongside a GUI.
- Developing my customer focus and team working skills, ensuring the client is satisfied with the end product and level of support.

Bourne Grammar School

2011-03-01 — 2015-10-18

http://www.bourne-grammar.lincs.sch.uk (http://www.bourne-grammar.lincs.sch.uk)
Systems Administrator & Performing Arts Technician

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.

Volunteer

Cambridgeshire Search and Rescue

2017-03-01 —

Search Technician   http://camsar.org/ (http://camsar.org/)

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. We are on call 24/7/365.

Highlights

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

Bourne & District Roundtable 896

2014-10-01 — 2017-04-01

Hon. Treasurer   http://bournefestival.com/ (http://bournefestival.com/)

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!

Stamford Shakespeare Company

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Technical   http://stamfordshakespeare.co.uk/ (http://stamfordshakespeare.co.uk/)

I love pushing faders! I help out with lots of local events (mostly charitable) either providing Equipment or Engineering. I'm predominantly a noise boy and enjoy mixing sound.

Highlights

- 5AM Full English after an overnight de-rig

Education

Bourne Grammar School

2005-09-01 — 2010-07-01

🎓 **Secondary School**

Courses

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

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

Languages

English
Native speaker

Geek
Fluent

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

Cycling

- Road Cycling
- Mountain Biking

References

> 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.**