

# Josh Cannons

## Graduate/Entry-Level System Administrator

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I have been providing part-time freelance IT support for the past four years in the Far North region to a variety of home-based and/or small businesses. Having recently graduated, my career focus has shifted away from freelance work and I now seek to leverage my acquired skill set in system administration within a team environment. It is my goal to find a position that will provide a greater opportunity to not only contribute and work to my full potential but also allow for continued professional development.

### Technical Experience

#### Administration

- Configuration, management and support of various platforms including Windows Server 2008-2012, Windows XP, Windows 7 and 8, BSD, CentOS/RHEL and Ubuntu
- Design, implement and maintain small business IT infrastructure including the provisioning of server and workstation hardware, network printers, software applications and cloud services
- Develop and implement secure and distributed business services on bare-metal systems, virtualization or via Docker including web application stacks, database integrations and cloud services
- WAN and LAN implementation and troubleshooting supported by a broad understanding of network technologies and protocols including, Implementation of Cisco and Draytek proprietary equipment
- Understanding of essential Unix/Linux commands for the purpose of system monitoring, security and performance profiling and system auditing
- Highly detailed system and infrastructure documentation including configuration, performance monitoring and support data

#### Security

- Rich understanding of current privacy laws and the social/ethical aspects of digital investigations and analysis
- Safeguard network assets and confidential data from unauthorized access, modification, destruction or disclosure through the design of security policies and the management of user access, firewalls and intrusion detection systems
- Broad knowledge of computer security topics such as digital forensics, incident response, application security and malware analysis
- Experience wiping/destroying, imaging, verifying, and validating media to all industry and court approved standards using hardware and software based forensic tools

#### Development

- Design and development of standalone and enterprise applications using Java EE, SQL, PHP, Asp.NET and HTML/CSS
- Manage projects with Git, Redmine and Slack to co-ordinate team based application development
- Audit code to identify and mediate possible security flaws including input validation, SQL injection and buffer overflow issues

### Previous Employment

*Freelance/Contract System Technician*

*2012 - Current*

Small business network, server and desktop support, providing professional advice and support for both new and existing infrastructure

- Design and implementation of network and system technologies and devices
- Provide client support and develop problem resolution strategies
- Supporting a range of server technologies from MS to \*nix based systems
- Advanced data recovery and password retrieval
- Remote Access, VPN, RDP, VNC and terminal services
- Perform a wide range of hardware and software installation, configuration and troubleshooting
- Maintaining close relationships with clients, meeting SLA's and adhering to contractual agreements

### Education

Certificate III in Investigative Services, *OCA Tafe*

2015

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Bachelor of Information Technology (Network Security), *CQ University*  
*Current GPA 6.6/7.0, Golden Key Honour Society Member*

2013 - Ongoing (finishing early 2017)

Diploma of Information Technology (System Administration), *TNQ Tafe*

2012