

**Jason Antman**  
413 Renaissance Way  
Conyers, GA 30012

201.906.7347  
jason@jasonantman.com  
resume.jasonantman.com - github.com/jantman

## Education

- **Rutgers University** Piscataway, NJ  
*BA, Information Technology and Informatics* *January 2006 - October 2009*
  - BA in Information Technology and Informatics, Rutgers College / School of Communication and Information. Minor in General History.

## Work Experience

- **CMG Digital** Atlanta, GA  
*Automation Engineer (Interim)* *June 2013 - Present*
  - Designed Puppet3 infrastructure using latest best practices, planned and executed migration of existing nodes to new infrastructure (ongoing).
  - Took lead role in design/planning and buildout of multiple productionlike test environments; cut buildout time for environments 2+ by approximately 75%.
  - Deployed Selenium Grid for internal automated browser tests.
  - Planned use of environment variables in Apache httpd configurations to replace divergent configuration with a single git repository promoted between environments.
  - Assisted small team with overhaul of nightly production to dev environment database clone procedure (500GB PostgreSQL database).
- **CMG Digital** Atlanta, GA  
*Systems Engineer* *October 2012 - June 2013*
  - General and On-Call duties in a large and fast-paced web media environment.
  - Pushed forward existing Puppet deployment.
  - Assisted with ops side of major application settings refactor project.
  - Deployed RPM build environment for internal and rebuilt external packages.
  - Deployed 3-node Graphite cluster for metric storage and display; began alerting off of metrics.
  - Packaged RPMs of Apache Tomcat and Zookeeper and NodeJS for internal deployment.
- **TechTarget (NASDAQ: TTGT)** Alpharetta, GA  
*System Administrator* *November 2011 - Present*
  - Design and implementation of Puppet-based configuration management and provisioning for all new server deployments.
  - Technical lead - monitoring and performance analysis of Linux OS and application software, VMware ESX/vCenter5/vSphere; distributed Nagios and collectd infrastructure, Veeam One virtualization monitoring for end-users, Tidal Enterprise Scheduler.
  - Development of internal tools and infrastructure; technical lead/architect for centralized logging, log analysis, DNS infrastructure redesign.
- **Rutgers University - Central Systems & Services** Piscataway, NJ  
*System Administrator* *September 2007 - October 2011*
  - Specification, design, implementation and ongoing second-level support of centralized production services including configuration management (Puppet), DHCP, WPA2/RADIUS authentication and accounting, centralized logging (rsyslog), residential (dorm) network authentication/registration/DHCP infrastructure.
  - Extensive scripting and custom tool development (PHP/Ajax, some Java and Python) - Linux services, Puppet, ISC dhcpd, FreeRADIUS, Meru and BlueSocket wireless equipment, etc.

- Investigated security issues on campus wireless network; identified and analyzed security vulnerabilities in vendor-supplied software.
- Third-level support and troubleshooting of campus-wide wireless network and wired residential network issues. Assisted with network administration tasks.
- Management of Nagios and Cacti for availability and performance monitoring.
- Development and proof-of-concept of University common area wired 802.1x authentication, with captive portal and MAC auth fall-through.
- Development of server configuration and security policies, and compliance audit tools.

- **Sun Microsystems** Somerset, NJ  
*Campus Ambassador* *September 2007 - June 2008*
  - Campus Ambassador to Rutgers University, responsible for spreading awareness of Sun's open-source product offerings (OpenSolaris, NetBeans, Java) among students, faculty, and staff.
- **Rutgers University - NetOps** Piscataway, NJ  
*Student Systems Programmer* *April 2006 - May 2007*
  - Responsible for various web application programming projects, primarily developed for PHP/MySQL on Linux and Solaris.

## Volunteer Experience

- **Midland Park Ambulance Corps** Midland Park, NJ  
*January 2006 - Present*
  - Sole person responsible for engineering and administration of mission-critical internal network, applications and Internet-accessible resources supporting 911 Emergency Medical response as a local, county and state resource.
  - Responsible for design, development and ongoing support (production status since January 2006) of a custom application to collect and store patient care records (currently in second version).
  - Responsible for development, support and ongoing improvements to PHP EMS Tools, a web-based application for scheduling, roster and certification tracking and day-to-day administrative tasks for volunteer emergency services organizations. In production at Midland Park Ambulance Corps since January 2007. (See below, "Projects".)
  - Served in numerous capacities including Crew Chief, By-Laws Committee Chairman, Computer Committee Chairman, Treasurer and First Lieutenant (second-in-command).
  - Developed VoIP-based system for EMTs to notify dispatch of their response to an emergency call.

## Skills

**Languages:** Extensive experience with PHP, Python, Bash/Sh, SQL. Moderate skill in Perl, Java. Basic knowledge of C.

**Operating Systems:** Nine years experience in use and administration of Linux. 5+ years experience administering production/critical Linux servers. Majority of recent experience with CentOS/RedHat 5 and 6; former experience with SuSE (7.3-11.3). Basic Solaris 9/10 skills (mainly migration to Linux). Vyatta Network OS, Cisco CatOS and IOS. MacOS (user).

**Software:** Strong: Puppet/Foreman, ISC dhcpd, FreeRADIUS, rsyslog, Nagios/Icinga, Cacti, Bacula, Apache HTTPD, MySQL, Postfix, Procmail, MediaWiki, IPtables, Vyatta router/firewall. Moderate: ISC BIND9, Asterisk, Subversion (SVN), WordPress, OCS Inventory, OpenLDAP, Veeam One, rsync. Basic: NIS (ypserv), Dovecot, CUPS, Xen and VMWare virtualization (vCenter/vSphere), Tomcat, RoR/Phusion Passenger, Redmine, Apache SOLR, Vignette7/8, Resin, memcached, Tidal Enterprise Scheduler. Strongest Network Protocols: RADIUS, DHCP, DNS, SNMP.

**Hardware:** HP Proliant, Sun, Dell and SuperMicro x86/x86-64 servers, HP iLO, Sun iLOM. Linux- and BSD-based network devices. Soekris embedded computers, Meru and BlueSocket wireless access points and controllers. Cisco network hardware. Avocent/Cyclades ACS console servers. F5 BigIp load balancers. Experience with physical infrastructure maintenance (copper, fiber, power) and data center operations.