

John H. Zielke
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QUALIFICATIONS

- QC/QA in cleanroom environment.
- Experience with compressed gasses, cryogenes, and hydrofluoric acid.
- Linux Systems Administrator.
- Familiar with several operating systems and hardware architectures.
- Experience with computer systems in a networked environment since 1999.
- Proficient in quality control, operator manuals, and troubleshooting procedures.
- Performs with limited supervision and is capable of independent research.

COMPUTER SKILLS

- Installation and initial configuration of Linux systems including maintenance and end user support, security monitoring, PCI compliance, SSL certificates, updates, data restoration, cyber security.
- Programming: Shell scripting, Visual Basic, PHP, SQL, Python, and program debugging.
- Operating Systems: DOS, Windows, Linux (Slackware, Redhat, Ubuntu, Gentoo), OS/400.
- Software: Bind, Apache, MySQL, PostgreSQL, Sendmail, Postfix, VMware, Sawmill, MRTG, AMaViS, SpamAssassin, Barracuda, Samba, QEMU, UNIX/Linux utility programs and various application specific software.
- Networking: DNS, FTP, IPv6, firewall/m0n0wall/pfsense, wireless/captive portal, HTTP/HTTPS, printer server, mail server.

WORK HISTORY

- 2015 - present *Chemical Operator, Wacker Chemie AG*
- Physical Analytics, Quality Control
 - Helped establish laboratory at new facility
 - Co-authored cleanroom operational procedures for laboratory
- 2008 - 2015 *Linux Administrator, ARS eCommerce*
- Server configuration and maintenance for eCommerce.
 - Installation and monitoring of LAN systems to accomplish communications, development, data archive, statistics, system integrity, security.
- 2000 - present *Independent Contractor*
- Consultant for Chattanooga State Technical Community College, Linux specialist for Network Services.
- 2000 - 2008 *IT Specialist at Chattanooga Auto Auction*
- Beta test software, write custom applications, end user support, network maintenance and troubleshooting, AS/400 administration.

EDUCATION

Chattanooga State Community College, Dec 2013 - Associate of Applied Science Engineering Technology; Technical Certificate Advanced Process Technology; Technical Certificate Process Technology