

**Ben S. Knowles**

Associate of Science, Computer Science  
Associate of Science, Psychology  
Sair Linux and GNU Certified Administrator

**Mail:** adric adric net

**Mobile:** 1-404-936-7473

**Recent Coursework:**

Association for Software Testing (AST)  
Black Box Software Testing (BBST) Foundations Feb 2009

**Certifications:**

Sair Linux and GNU Certified Administrator (LCA) May 2001

**Recent Computer Work:****Independent Contractor : 2009**

- System Integration of Win, Mac, Linux Servers running open source software including Samba, Moodle, Zencart
- Independent Developer of MooCash: ZenCart - Moodle software: <http://moocart.sf.net/>

**System Administrator II : National Net, Inc: Oct 2006- Feb 2009**

- Part of a small SA team at a big Linux web host
- Data center environment with more than 1600 hosts
- Administration of production virtual, dedicated, and co-located customer servers, mostly running Debian GNU/Linux
- Software and Hardware troubleshooting, Live incident response
- Shift lead on weekend nights for more than a year
- Phone, email, and web customer support, second shift and overnight

**Network Administration : MMI -> Contexo Media : 2004-2006**

- Designed, rebuilt, developed, and supported a mixed Linux/Mac office network for two years
- Designed successor national Windows/Linux/Macintosh network for new ownership
- Production public Web, Mail, DNS services, VPN, and internal File Shares, Databases, Revision Control, Printing, Remote Access, Ticketing, et alia
- Production routers, switches, and firewalls
- Defense in depth, proactive patching, least privilege
- Office, phone, email, and Jabber user support, usually second shift

**Hands On Training : H & H Computer Education : 2004-2005**

- Taught Intro to PC Tech part time to diverse groups at local computer shops
- Helped students prepare for the A+, Net+, MCSA, and MCSE certification tests.
- Used Linux boot media and open source tools including *memtest86* and *lspci* to teach troubleshooting

**Formal Education:****Associate Of Science, Computer Science**

Georgia Perimeter College, Clarkston, Georgia, USA, May 2002

**Associate Of Science, Psychology**

Georgia Perimeter College, Clarkston, Georgia, USA, August 2002

**Academic Diploma with Honors**

Chamblee High School, Chamblee, Georgia, USA, June 1995

**Computer Skills:****Network Administration:**

- Debian GNU/Linux
- Ubuntu Linux
- Mac OS X
- OpenBSD
- MS Windows, Server

**Security:**

- wireshark, nmap, nessus, snort, nagios
- Linux iptables and OpenBSD pf firewalls

**Support:**

- Microsoft Windows
- Macintosh
- Linux and Unix systems

**Systems:**

- Intel and AMD workstations and servers
- Apple Macintosh workstations, portables, and servers

**Scripting:**

- Shell and Bash
- Ruby, Python, Perl