

Ben A. Mendis

Silver Spring, MD

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<https://github.com/Sitwon>

CAPABILITIES

- **Programming Languages:** Scala, Java, Python, Bash, C, XSLT
- **OS Administration:** Windows, Linux, Solaris
 - **Linux Distros:** Slackware, Ubuntu, Debian, Gentoo, OpenWRT
- **Networking:** 802.11, TCP/IP, Netfilter/iptables, mesh routing
- **Security Tools:** Wireshark, Nmap, OpenPGP, PKI

PROFESSIONAL EXPERIENCE

Software Engineer, GetWellNetwork Inc., March 2013-present

Bethesda, MD

- Maintained a custom Linux distribution for a DVR-like set-top box.
- Team lead on security, kernel config, custom initramfs, crashkernel scripts, install/update/uninstall utilities, virtualization, and networking.
- Responsible for monitoring 35k+ systems which are installed in hospital rooms throughout the US.

Sysadmin/Software Engineer/Product Support, Antenna House Inc., November 2007-March 2013

Kensington, MD

- Supported integrations using C, C++, COM, Java, .Net (C#, VB.Net), and scripting languages.
- Engineered part of Boeing's purchase order system. About 1500 lines of Java.
- Led the design and development of a visual regression testing tool, in Scala, which is now a commercial product offering.

Board of Directors, HacDC, February 2011-2015 (Member since 2009)

Columbia Heights, DC

- Served in various positions, including President.
- Led the design and development of Project Byzantium, a Linux live distro that enables rapid deployment of a mesh network in emergency situations such as natural disasters. Presented talks at security and technology conferences, and was interviewed by NPR, Slashdot, and others.
- Taught an introduction to Computer Science class covering NAND gates to operating systems.

Senior Product Engineer and CSO, TAP Innovations LLC, November 2009 – February 2011

Alexandria, VA

- Engineered a security-hardened, live-bootable re-spin of Ubuntu Linux.
- Developed a methodology for securely updating the read-only OS.
- The distribution passed a security assessment conducted by Securicon LLC.

Information Technology Expert, Innove Technologies LLC, March 2006 – December 2009

Kensington, MD

- Provided expertise in areas of wireless networking, security, and Linux administration.
- Developed the Wi-Fi Printing System and Wi-Fi Web 2.0 Portal.
- Developed and maintained plugins for the Openfire XMPP Server.