

# **Ben A. Mendis**

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<https://github.com/Sitwon>

## **CAPABILITIES**

- **Languages:** Scala, Java, Python, Bash, C, XSLT
- **Operating Systems:** Windows, Linux, Solaris
  - **Distros:** Slackware, Ubuntu, Debian, Gentoo, OpenWRT
- **Networking:** 802.11, IPv4, TCP/IP, Netfilter, mesh routing
- **Security:** 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, hot-patching, install/update/uninstall tools, custom initramfs, crashkernel, virtualization, and networking.
- Also responsible for monitoring the 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.