Ben A. Mendis

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CAPABILITIES

- **Languages:** Scala, Java, Python, Bash, C, C#, Erlang, JavaScript, Lua, Perl, PHP, Ruby, XSLT
- **Tools:** Ant, SBT, Make, Autotools, JUnit, Subversion, Git, GDB, JavaDoc/ScalaDoc, IzPack
- **Web Apps:** JBoss, Tomcat, Apache, CGI, SOAP, REST, Apache Axis, HTML/CSS, MySQL, DHT, Amazon Web Services, Heroku
- **Operating Systems:** Windows, Linux, Mac OS X, Solaris, HP-UX
  - **Windows:** 9x, 2000, XP, Server 2003, Vista, Server 2008, 7
  - **Linux:** Slackware, Ubuntu, RHEL, Debian, Gentoo, OpenWRT
- **Networking:** 802.11, IPv4, IPv6, TCP/IP, Netfilter (iptables), Mesh
- **Security:** Kismet, Wireshark, Metasploit, Fwknop, Nmap, Snort, OpenPGP, PKI, SCAP

PROFESSIONAL EXPERIENCE

Support Specialist/Sysadmin/Software Engineer, Antenna House Inc., November 2007-present
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.
- Recommended and performed a migration from Mojo Helpdesk to RequestTracker. Doubled the number of tickets handled per day and halved the response time on new tickets.
- Led the design and development of a visual regression testing tool, in Scala, which is now becoming a commercial product offering.

Vice President, HacDC, February 2011-present (Member since 2009)
Columbia Heights, DC

- Led the design and development of Project Byzantium, a live Linux distribution that enables rapid deployment of a mesh network in emergency situations such as natural disasters. We have given talks at security and technology conferences, and been interviewed by NPR and Slashdot.
- Teach an introduction to Computer Science class. It is a one-semester course in which covers NAND gates all the way up to a high-level language and operating system.

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 with several unique innovations.
- Developed a methodology for securely updating the read-only OS using an overlay file system, and cryptographically signed update packages.
- 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, which were used to build a social networking site for MusicianLink, and enabled their JamLink devices to connect.