

MIKE APPLEBY

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EDUCATION

Bachelor of Science in Computer Science

University of Florida, Gainesville, FL

GPA: 3.9/4.0

SKILLS

Languages C/C++, Python

Skills Backend & systems software generalist, good at fixing bugs

Platforms Linux, FreeBSD

EXPERIENCE

Goofing off December 2013 - Present

- Traveling, painting, playing with son & dog. Contributing to open source projects, for fame and glory.
- For more info, please see <https://app.leby.org/hireme>

nCircle, Inc. (acquired) / Tripwire, Inc. December 2009 - December 2013
Software Engineer San Francisco, CA

- Worked on an asynchronous network scanner in C/C++ which did host, port, application, and OS detection and vulnerability scanning.
- Helped secure \$250k support contract by flying onsite to root cause and fix scan failures caused by a host with a misbehaving TCP stack on the customer's network.
- Implemented ICMPv6 ping scan and other changes for IPv6 support.
- Spearheaded unit testing effort, writing hundreds of tests, which found many bugs and contributed to the success of a C++ port.
- Worked remotely from Mexico starting in January 2012.

nCircle, Inc. July 2009 - December 2009
QA Engineer San Francisco, CA

- Worked on a small team with 2 other QA engineers to do feature and release testing for the product.
- Wrote test automation in Python.
- Wrote automated PXE installer to re-image and configure the product over the network. Prior to this, re-imaging an appliance was a time-consuming process that required engineers to be physically present in the test lab to respond to prompts during the install and to manually configure networking on the host after installation. During release testing, QA engineers might spend an hour or more every day installing new versions for testing. In contrast, the installer I wrote allowed engineers to run a command from their terminal to kick off a fully automated install, after which the test machines would come up on the network, ready for testing.

nCircle, Inc. March 2009 - July 2009
Part-time Lab Assistant San Francisco, CA

- Assisted with administration of company test lab and network.

US Peace Corps July 2006 - September 2008
IT Volunteer Cape Verde, West Africa

- Served as system administrator and head of the IT department for a small government municipality.
- Trained two Cape Verdean nationals who took over the program after I returned to the states.