Nicholas Markwell

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Education

2006–2010   **High School**, *Stafford Senior High School*, Virginia, United States of America.

Experience

2011–2013   **Systems Administrator**, *Official.fm Labs*.
I managed multiple servers running ArchLinux, and designed and maintained the website.

Notable Projects

Sicuro	Ruby sandbox implemented in Ruby without relying on external software.
Inatri	Work-in-progress open-source search engine for research purposes.
Dux	Operating system written in C and x86 assembly.
ROT13-CSS	ROT-13 reciprocal cipher implemented in CSS and HTML.
Rock	Significant contributor to "rock," the self-hosting ooc compiler.
Anonymous Love	A website attempting to spread love throughout the internet.

Technical Experience

Extremely Proficient With

Operating Systems	ArchLinux, Debian, Ubuntu, Linux Mint
Virtualization	VirtualBox
Networking Infrastructure	Many application layer protocols, including IRC, HTTP, WebSocket, FTP, SMTP, SSH, and DNS.
Programming Languages	Ruby, Python, C, C++, JavaScript, PHP, x86 Assembly (nasm), ooc, Bash
Build systems	Make
Markup	LaTeX, HTML, XML, Markdown
Web Servers	nginx
Web	HTML5 technologies including CSS3, JavaScript, and WebSockets
Web Frameworks	Sinatra, Rack, jQuery
Version Control	Git, Mercurial

Have Experience With

Operating Systems	Fedora, NetBSD, FreeBSD, DragonFly BSD, Windows
Programming Languages	Haskell, Common Lisp, Scheme, Lua, Java, Scala
Web Servers	Apache, lighttpd

Professional Network

LinkedIn	http://linkedin.com/in/duckinator
GitHub	http://github.com/duckinator