

# Richard Carter

richard@richardcarter.org · richardcarter.org · (704) 951-7425

Software developer with experience in storage, Java, and VMware,  
and side interests in web technologies, security,  
and software development best practices.

## Skills & Expertise

**Windows & Linux** – Java, C# – Eclipse, Visual Studio, ReSharper – Mercurial, P4, Git – Spring, Hibernate, Mockito  
**Web** – JavaScript, CoffeeScript, HTML/HTML5, CSS – jQuery, Underscore, Backbone, Angular – WebStorm, Vim

## Experience

- Nimble Storage** – Sr. Software Engineer, VMware Host Integration *Sep 2014 – Present*
- Leading development of an important piece of software in an upcoming technology.
  - Developed a significant part of the VMware VVols integration.
  - Help maintain the custom reporting software that runs on-array to monitor VMware host systems and provide the data for Nimble Storage VMVision per-VM monitoring.
- NetApp** – Software Engineer, Manageability Engineering Group *May 2012 – Sep 2014*
- Developer for System Setup, a configuration wizard that enables customers to initialize new storage systems from a GUI (C#). Ships with every new storage system; deprecated the command-line setup.
  - Developer for OnCommand Unified Manager and Performance Manager, virtual appliances used to manage & monitor NetApp storage via a browser (Java, Google Web Toolkit).
  - Member of Scrum team, followed the Scrum process and development best practices including unit testing, code reviews, continuous integration, static analysis.
  - Maintained the team Jenkins and VMware servers. Performed upgrades and ensured VMs stay up.
  - Built an HTML/JavaScript app to display Jenkins build status on our team TV. Broken builds are noticed sooner, so our builds remain green longer.
- Intern, Management Framework Integration Team *May 2011 – May 2012*
- Developed a plugin to VMware's vSphere Client which optimizes and migrates running VMs (Java, GWT).
- IBM** – Intern, developerWorks IT Professional Skills team *Jun 2010 – Aug 2010*
- Developed 9-hour video training course for Java EE using IBM Rational Application Developer.
  - Identified and helped resolve security vulnerabilities in the developerWorks/Lotus web platform.
- Advanced Energy** – IT Generalist *Sep 2009 – May 2011*
- Provided “helpdesk” support for employees and maintained network devices and Windows servers.
  - Designed and implemented fast laptop imaging solution. Rolled out new laptops for entire company.
  - Developed internal and external web applications in PHP & MySQL and databases in Microsoft Access.

## Education

**North Carolina State University**, Raleigh, NC  
Bachelor of Science in Computer Science *May 2012*  
Concentration in Game Development  
Cumulative GPA: 3.74 / 4.0    Major GPA: 4.0/4.0

## Spare Cycles

- Created 6 Android apps with approx. 100,000 total installs, three of which are paid apps.
- Practice web technologies including Node.js, WebGL, WebSockets, CoffeeScript & JavaScript.
- Created Node.js IRC bot; communicates via raw IRC protocol, features script hotswap functionality.