

Matthew Farmer

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Objective

To find a challenging opportunity in a platform team primarily programming in C/C++, but possibly also working in BASH, Perl and other scripting languages, and ideally interacting with Linux Kernel development.

Work Experience

Web Design and Development | 2009-01 – Present | mattfarmer[dot]net

- Designed and developed websites and other projects as requested. Examples of work available at <http://mattfarmer.net/projects/>

Quality Assurance | 2008-11 – 2008-12 | Zeemote, Inc

- Executed SDK, diagnostic, ZeeMote Ready test plans against various phone platforms
- Developed methods to drastically reduce testing time while maintaining quality

Software Engineer | 2006-01 – 2008-03 | EMC - Centera Platform Team

- Created and supported Linux Based platform and wrapper scripts for Content Addressed Server
- Extensive BASH programming
- Architected and Implemented multi-threaded, C based disk scrubbing tool which communicated with Java server via sockets
- Trained Service Engineers world wide how to identify true drive failures.
- Conducted Root Cause Analysis on disk drives that failed in the field and created solutions to reduce these occurrences
- Worked with the Linux community to fix Kernel bugs

Network Administrator, Web Designer | 2002-09 – 2005-05 | University of Massachusetts - Lowell

- Design, maintain and organize dynamic web page using PHP, MySQL
- Facilitate networking in a multi-platform environment (Windows 2000, Mac OS9, Mac OS-X, RedHat Linux)
- Implement network home directories and nightly backup system.
- Train, guide and recruit employees

Engineering Intern | 2004-09 – 2005-05 | Cecropia Inc.

- Created JSP web application to interface with Java tools and manage user's access to those tools- Created CD installer for Linux based platform
- Managed nightly and weekly backup servers

Quality Assurance Intern | 2003-06 – 2003-08 | Sun Microsystems

- Create Java API tests to be run nightly in an automated test harness
- Lab Administration: Network install of operating systems, hardware troubleshooting- Created a shell script to update system inventory

Education

University of Massachusetts – Lowell | 2001-09 – 2005-12

- Bachelor's Degree in Computer Engineering
- GPA: 3.8 - Member of the Honors Program - Webmaster and DJ for WUML Radio