DAN MOSELEY

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OBJECTIVE
A network programming position that will challenge my skills in C debugging and optimization, algorithm complexity analysis, and innovative problem solving.

EDUCATION

Rensselaer Polytechnic Institute (RPI), Troy, NY   GPA: 3.14
Bachelor of Science in Computer Science, Expected May 2010

SKILLS

Languages: Expert in C, C++, HTML, CSS. Advanced skills in PHP, C#, MySQL, Javascript. Intermediate skills in Java, Pascal, ASP.net, Perl.

Protocols: TCP, UDP, HTTP, telnet, DNS, TFTP, IPv4, IPv6

EXPERIENCE

PHP Architect   December 2009 - Present
New Media Retailer

- Assisted with design and implementation of end-to-end social media marketing infrastructure.
- Used MVC techniques in PHP using MySQL, JQuery, HTML and CSS.
- Projects included integration with Twitter, Facebook, and MailChimp APIs.
- Beta release clients include Purina, Agway, and Taylor Rental Retailers.

Computer Support Specialist, Intern   May 2008 - August 2008
Intelligent Data Systems

- Assisted with consulting and programming.
- Provided end-user IT support including hardware, software, and operating procedure requests.
- Developed POS and Charter Management System in Turbo Pascal and MYSQL.
- Created and maintained company-wide Microsoft Exchange deployment documentation.

Graphic Designer   May 2003 - August 2007 (seasonal)
Cooperstown Bat Company

- Managed and trained team of four staff in completing time-sensitive graphic design requests.
- Created custom vector images for laser engraving on sports memorabilia.

EDUCATIONAL EXPERIENCE

Personal Projects   www.danomoseley.com
- Pubsubhubbub hub in C using Berkley Sockets, POSIX threads, and SQlite.
- Web development (HTML, JQuery) for www.savannahwolf.com.

Network Programming   Spring 2010 - RPI
- Memory Efficient HTTP proxy server written in C using Berkley sockets.
- TFTP server in C for IPv4 and IPv6 clients using Berkley sockets and Select multiplexing.

Web Science   Spring 2008 - RPI
- Polite HTTP web spider in Java. Simple search engine implementing the pagerank algorithm and reverse indexing.

Web and Database Programming   Spring 2008 - RPI
- Formal classroom education in C# and ASP.net with extensive use of MySQL.
- Created fully functional social networking site.

Java Programming   Spring 2007 / Spring 2008 - RPI
- Experience in Java EE programing with JSP, tomcat, ANT scripts, and SVN.
- Semester long team project implementing corporate task management system.

LEADERSHIP

Rensselaer Society of Engineers Fraternity   Spring 2005 - Present
- **Executive House Manager** - Elected by membership to maintained 86 year old fraternity house on challenging budget. Led group of 40 members in year long maintenance agenda.
- **Network Administrator** - Appointed to design and implement house network over cable internet using open source routing software for 40 members. Managed network for two years.

HONORS

Boy Scounts of America - Eagle Scout
Rochester Institute of Technology Computing Medal 2005
Selected for multi-county FIRST Robotics Team 145 2001-2005