Patrick "P. J." McDermott

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OBJECTIVE	To write and maintain custom or free/open-source software, with interests in operating systems, embedded systems, networking, and Web development.
EDUCATION	**New Jersey Institute of Technology (NJIT), Newark, NJ** B.S. Computer Science, Expected: May 2012 GPA: 3.510 **Sussex County Community College (SCCC), Newton, NJ** A.S. Computer Science, May 2010 with honors GPA: 3.570
HONORS/AWARDS	NJIT: Dean's List all semesters, Delta Epsilon Iota Academic Honor Society SCCC: Dean's List, Phi Theta Kappa Academic Honor Society
KEY COURSES	Calculus III, Linear Algebra, Discrete Mathematics, Advanced Programming in C++, Database Management Systems, Computer Organization and Architecture, Advanced Data Structures and Algorithm Design, Principles of Operating Systems, Introduction to Computer Networks, Introduction to Linux Kernel Programming, Introduction to System Administration, Advanced Internet Applications, Digital Design, Microprocessors

SKILLS	Languages (proficient or knowledgeable):
	    ISO C 89 and 99, C++, CSS 2.1 and 3, groff (with the "man" macro set), HTML 4.01 and 5, Java, JavaScript, POSIX make, PHP 4 and 5, SQL, SSI, UNIX shell, XHTML 1.1
	Software (proficient or knowledgeable):
	    Apache HTTP Server 2.x, APT, BusyBox, cgit, debhelper, Debian GNU/Linux, dpkg, Exim 4, GCC, Git, Gitosis, GDB, GNU Binutils, GNU Coreutils, GNU GRUB 2, GNU Make, Linux 2.6 and 3.x, LVM2, MySQL, OpenSSH, rsync, System V style init, Vim, Vixie cron 3.0
	Codebases (knowledgeable or familiar):
	    BusyBox, coreboot, debhelper, GNU FM, GNU GRUB 2, Linux 2.6 and 3.x, mpdscribble, OpenBSD netcat, opkg, PHP 5

WORK EXPERIENCE	**George Washington University** June 2010 – August 2010 **Intern – Cyber Security Policy and Research Institute** • Designed a cyber security Web portal for community colleges • Advised the Cyber Security Policy and Research Institute on a potential Web site redesign **Sussex County Community College** January 2009 – May 2009 **Student Technician – IT Services** • Maintained and installed workstations, software, printers, and projectors on campus • Responded to service and support calls **Sussex County Computer Warehouse** September 2007 – August 2008 **Web Software Developer, Server Administrator** • Designed and wrote dynamic Web applications in-house and for clients • Assisted with management of client Web hosting • Performed administration of server systems
PROFESSIONAL AFFILIATIONS	Member of NJIT chapter of Association for Computing Machinery (ACM) Leader of GNU/Linux special interest group in NJIT chapter of ACM
HOBBIES/ INTERESTS	Writing software, researching topics in computer science, building computers, system administration, embedded systems, computing ethics, copyright law, music