

Peter W. Hunt

CONTACT INFORMATION	117 Oak Avenue, Apartment 3 Ithaca, NY 14850	(978) 500-8454 pwh8@cs.cornell.edu http://www.petehunt.net/blog
EDUCATION	M. Eng. Computer Science <i>Cornell University, Ithaca, NY</i> January 2010 – December 2010 Accepted as an early-admit student and will graduate December 2010. B. A. Information Science <i>Cornell University, Ithaca, NY</i> August 2006 – May 2010 Graduate with Honors <i>Masconomet High School, Boxford, MA</i> September 2002 – June 2006	
RELATED COURSEWORK	Large-Scale Information Systems · Distributed Computing · Database Systems · Computer Security Heuristic Optimization · Natural Language Processing · Machine Learning · Operating Systems Software Engineering · Data Structures and Functional Programming · Entrepreneurship for Engineers	
WORK EXPERIENCE	Software Systems Engineer <i>The MITRE Corporation, Bedford, MA</i> August 2009 – present Developed classified cutting-edge command, control and communications technology for the Air Force Mission Planning Advanced Development team as a full-time engineer. Software Engineer <i>Expedient Shopping, Inc., Ithaca, NY</i> January 2010 – May 2010 Spearheaded the development of a real-time auction site for a start-up incubated by the Cornell eLab. Technical Summer Intern <i>The MITRE Corporation, Bedford, MA</i> June 2006 – August 2009 Worked on mission planning software for the Air Force and served as chairman of the intern program in 2008 and 2009.	
OTHER EXPERIENCE	Owner <i>Pete Hunt Publishing, Topsfield, MA</i> June 2006 – present Owner of a song publishing company affiliated with SESAC, the most selective and prestigious performing rights organization in the world.	
SELECTED PROJECTS	Cloudlab For our M.Eng project a peer and I are exploring the characteristics of MPI, the global address space model, and MapReduce for scientific computing applications in commercial cloud environments. By the end of the project we will have developed a platform upon which high-performance distributed scientific algorithms can be created. PyMySQL I am the current maintainer and lead developer of an open-source pure-Python MySQL connector to replace the legacy connector written in C. PyMySQL is fully compatible with popular Python packages and has roughly equivalent performance to the original C version. CherryPy During my senior year of high school I became a core developer on the CherryPy project and developed the fastest pure-Python web server. It powers many commercial websites in production today. Several books have been published about the framework and the web server I wrote. Fraternity Recruitment System I led a team of five to design, develop, deploy and support an integrated web and desktop application to manage the fraternity recruitment process. Over the course of the one week recruitment period the software was used by over 800 recruits and 42 fraternities. os_rev I was part of a two-person team that built a simple working operating system in Python based on a custom TinyPy “kernel” using a rewritten subset of libc. By the end of the project it could run regular Python programs that could directly access the hardware.	
HONORS & AWARDS	MITRE Spot Award · MITRE People’s Choice Award · CEO Business Pitch Contest finalist Great Point Ventures/USVC Startup Challenge winner · Finalist, i/o ventures · Big Idea Competition semi-finalist · AFCEA fellow	
ACTIVITIES	Cornell Varsity Heavyweight Rowing · Sigma Phi Epsilon founder · Sigma Phi Epsilon VP Recruitment WVBR 93.5 FM disc jockey · Guitarist and songwriter for touring rock band	
SELECTED SKILLS	Python · Java · C/C++ · SQL · C#/F#/.NET · PHP · L ^A T _E X 2 _ε · Hadoop · Amazon Web Services Linux/Mac OS X administration and scripting · AJAX · Flex · Android · Other platforms and libraries	