

Qingping "Dave" Hou

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about.houqp.me

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Education	M.S. in Information Security Technology and Management, Information Networking Institute, Carnegie Mellon University. GPA: 4.0/4.0	09.2012 - 05.2014 (Expected)
	B.S. in Information and Computational Science, School of Mathematics and Computational Science, Sun Yat-sen University.	09.2008 - 07.2012
Skill	Proficient: C, Python, Lua, Javascript, HTML/CSS, Shell, Assembly	
	Exposure to: C++, Ruby, PHP, Perl, Java, ASP	
Selected Projects	KPV (Maintainer) The best and most popular opensource ebook reader for Kindle and other EInk devices! What's more, it uses its own UI framework.	Lua, C, C++, Shell
	PyH3C (Author) An opensource H3C 802.1X client/server written in Python. Reverse engineered from the official proprietary client/server.	Python
	asciidoc-deckjs (Author) deck.js (HTML presentation tool) backend for AsciiDoc.	Javascript
	dnsexp.js (Author) An exfiltration client that sends data via DNS tunnel, written in pure Javascript.	Javascript
	malloclib (Course project) Dynamic Memory Allocator written from scratch.	C
	tinypoxy (Course project) A tiny multi-thread HTTP proxy server that supports caching.	C
Experience	Linux Programmer for Mellon College of Science (CMU). <ul style="list-style-type: none">LDAP migration system, written in PHP, Javascript and PythonWeb front-end for backup system based on tob.	09.2012 - Present
	Research Assistant in Guangdong Key Laboratory of Information Security Technology.	07.2010 - 07.2012
	Teaching Assistant , "Modern Website Security Technology" (Google Open Course), Sun Yat-sen University.	07.2011 - 08.2011
	Translator , helped with the translation work for many opensource projects, including Puppet, Gentoo, Owncloud, etc.	03.2011 - Present
Membership	Plaid Parliament of Pwning (CMU hacking team).	2012 - Present
	Guangdong Key Laboratory of Information Security Technology, Research Assistant.	2010 - 2012
	Network center of Sun Yat-sen University, Student Network Administrator.	2008 - 2011