Qingping "Dave" Hou

github.com/houqp
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 UI framework and ebook reader for Kindle and other EInk devices. It now ranks as top 5 Lua project on Github.	**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**
	dnsexf.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**
	tinyproxy (Course project) A tiny multi-thread HTTP proxy server that supports caching.	**C**

Experience		
	Linux Programmer for Mellon College of Science (CMU). - LDAP migration system, written in PHP, Javascript and Python - Web 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**