

# Qingping "Dave" Hou

github.com/houqp  
about.houqp.me

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Education	<b>M.S.</b> in Information Security Technology and Management, Information Networking Institute, Carnegie Mellon University. GPA: 4.0/4.0	09.2012 - 05.2014 (Expected)
	<b>B.S.</b> in Information and Computational Science, School of Mathematics and Computational Science, Sun Yat-sen University.	09.2008 - 07.2012
Skill	<b>Proficient:</b> C, Python, Lua, Javascript, HTML/CSS, Shell, Assembly	
	<b>Exposure to:</b> C++, Ruby, PHP, Perl, Java, ASP	
Selected Projects	<b>KPV</b> (Maintainer) This project includes an opensource UI framework that specially designed for EInk display and a multi-formats ebook reader built upon that.	<b>Lua, C, C++, Shell</b>
	<b>PyH3C</b> (Author) An opensource H3C 802.1X client/server written in Python. Reverse engineered from the official proprietary client/server.	<b>Python</b>
	<b>asciidoc-deckjs</b> (Author) deck.js (HTML presentation tool) backend for AsciiDoc.	<b>Javascript</b>
	<b>dnsexp.js</b> (Author) An exfiltration client that sends data via DNS tunnel, written in pure Javascript.	<b>Javascript</b>
	<b>malloclib</b> (Course project) Dynamic Memory Allocator written from scratch.	<b>C</b>
	<b>tinypoxy</b> (Course project) A tiny multi-thread HTTP proxy server that supports caching.	<b>C</b>
Experience	<b>Linux Programmer</b> for Mellon College of Science (CMU). <ul style="list-style-type: none"><li>LDAP migration system, written in PHP, Javascript and Python</li><li>Web front-end for backup system based on tob.</li></ul>	09.2012 - Present
	<b>Research Assistant</b> in Guangdong Key Laboratory of Information Security Technology.	07.2010 - 07.2012
	<b>Teaching Assistant</b> , "Modern Website Security Technology" (Google Open Course), Sun Yat-sen University.	07.2011 - 08.2011
	<b>Translator</b> , 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