## Kevin P. Dyer

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About Kevin	I'm a Staff Software Engineer at Google. I'm responsible for building scalable security solutions that meet the security, reliability and compliance needs of nearly all products at Google.		
Education	Portlan 2007 <b>M.Sc.</b> Royal H 2006 <b>B.S., (</b>	<ul> <li>Portland State University</li> <li>M.Sc. with Distinction, Mathematics of Cryptography and Communications</li> <li>Royal Holloway, University of London</li> </ul>	
Current Role	2015 - now	<b>Software Engineer</b> , Google, Mo Tech Lead for multiple security s	
Previous Roles	2014 (intern)	<b>Software Engineer</b> , Google / U <i>Peer-to-peer networking</i> , nodejs,	
	2013 (intern)	13 (intern) <b>Research Scientist</b> , RedJack, Silver Spring, MD, USA <i>Network security</i> , Python, Cryptography, Multi-threaded programming	
	2010 - 2015	[Ph.D. Student]	
	2008 - 2010	<b>Software Engineer</b> , NDS, Stain - Web app with 1M+ users, PHF - Backend Security Infrastructure	P, Oracle, CSS, JavaScript, Java
	2007 - 2008	<b>Software Engineer</b> , Imagineer S VFX Suite for Film/TV Post Pro	-
	2002 - 2007	[B.S., M.Sc. Student]	
Selected Open Source Projects	<ul> <li>fteproxy, Python, https://fteproxy.org <ul> <li>A TCP proxy that transmits arbitrary datastreams by sending messages that match a user-specified regular expression.</li> </ul> </li> <li>marionette, Python, https://github.com/kpdyer/marionette <ul> <li>A TCP proxy that allows users to have fine-grained control over traffic features such as connection duration, number of messages sent, and message format.</li> </ul></li></ul>		
Selected Publications	<ul> <li>Dyer K.P., Coull S.E., Shrimpton T. Marionette: A Programmable Network Traffic Obfuscation System, USENIX Security 2015. (Acceptance rate: 15%)</li> <li>Dyer K.P., Coull S.E., Ristenpart T., Shrimpton T. Protocol Misidentification Made Easy with Format-Transforming Encryption, In proceedings of the ACM Conference on Computer and Communications Security (CCS), 2013. (Acceptance rate: 20%)</li> <li>Dyer K.P., Coull S.E., Ristenpart T., Shrimpton T. Peek-a-Boo, I Still See You: Why</li> </ul>		
	<i>Efficient Traffic Analysis Countermeasures Fail</i> , In Proceedings of the 33rd IEEE Symposium on Security and Privacy, 2012. (Acceptance rate: 13%)		

For a complete list of my publications, visit my Google Scholar page.