Kevin P. Dyer

www: https://kpdye	er.com	email: kpdyer@gmail.com	github: https://github.com/kpdyer	
ABOUT KEVIN		'm a Staff Software Engineer at Google. I'm responsible for building scalable security solutions hat meet the security, reliability and compliance needs of nearly all products at Google.		
EDUCATION	Portlar 2007 M.Sc. Royal I 2006 B.S. ,	Ph.D., Computer Science Portland State University M.Sc. with Distinction, Mathematics of Cryptography and Communications Royal Holloway, University of London B.S., Computer Science with Mathematics Santa Clara University		
CURRENT ROLE	2015 - now	Software Engineer , Google, Mo Tech Lead for multiple security se		
Previous Roles	2014 (intern)	Software Engineer , Google / University of Washington <i>Peer-to-peer networking</i> , nodejs, C++, Cryptography, JavaScript		
	2013 (intern)	Research Scientist , RedJack, Si <i>Network security</i> , Python, Crypton	lver Spring, MD, USA ography, Multi-threaded programming	
	2010 - 2015	[Ph.D. Student]		
	2008 - 2010	Software Engineer , NDS, Staines, UK - Web app with 1M+ users, PHP, Oracle, CSS, JavaScript, Java - Backend Security Infrastructure, Java, XML		
	2007 - 2008	Software Engineer , Imagineer S VFX Suite for Film/TV Post Pro		
	2002 - 2007	[B.S., M.Sc. Student]		
SELECTED OPEN SOURCE PROJECTS	 fteproxy, Python, https://fteproxy.org A TCP proxy that transmits arbitrary datastreams by sending messages that match a user-specified regular expression. marionette, Python, https://github.com/kpdyer/marionette 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. 			
SELECTED PUBLICATIONS	 Dyer K.P., Coull S.E., Shrimpton T. Marionette: A Programmable Network Traffic Obfuscation System, USENIX Security 2015. (Acceptance rate: 15%) Dyer K.P., Coull S.E., Ristenpart T., Shrimpton T. Protocol Misidentification Made Easy 			

Efficient Traffic Analysis Countermeasures Fail, In Proceedings of the 33rd IEEE Symposium on Security and Privacy, 2012. (Acceptance rate: 13%)

• Dyer K.P., Coull S.E., Ristenpart T., Shrimpton T. Peek-a-Boo, I Still See You: Why

and Communications Security (CCS), 2013. (Acceptance rate: 20%)

with Format-Transforming Encryption, In proceedings of the ACM Conference on Computer

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