1. **Name: Brian Krupp**

2. **Education**

Degree	Discipline	Institution	Year
D.Eng.	Computer Engineering	Cleveland State University	2015
M.S.	Computer and Information Science	Cleveland State University	2010
B.S.	Computer Information Systems	Baldwin-Wallace College	2005

3. **Academic Experience**

Institution	Rank	Title	Dates Held	FT/PT
Baldwin Wallace University	Assistant Professor		2015-Current	FT
Cleveland State University	Graduate Assistant		Spring 2014	PT
Cleveland State University	Graduate and Research Assistant		Spring 2013	PT
Cleveland State University	Lecturer		Spring 2012	PT
Cleveland State University	Research Assistant		Fall 2012	PT

4. **Non Academic Experience**

Organization	Title	Duties	Dates Held	FT/PT
Hyland Software	Software Developer / Software Architect	Develop mobile and server software. Architect software systems.	May 2012 to July 2015	FT
Key Bank	Enterprise Solution Architect	Architect solutions for top projects in community bank portfolio.	Nov 2011 to May 2012	FT
Key Bank	Distributed Systems Engineer	Lead engineer for PCI compliance, SIEM platform. Engineer for PKI, HSM, and centralized password solution. Develop LAMP based software.	June 2010 to Nov 2011	FT
Key Bank	Information Security Consultant	Perform ethical hacking of in house web applications and consult projects on information security.	May 2009 to June 2010	FT
Key Bank	Distributed Systems Engineer	Lead engineer for ETL environment. Engineer for web security systems. Develop LAMP and C software.	May 2005 to May 2009	FT
Global eXchange Services	Technical Analyst	Develop LAMP, Java, and Perl software. Maintain and troubleshoot WAN and open system environment.	Jan 2003 to May 2005	FT

5. **Industry Certifications**

   a) CompTIA Certified Document Imaging Architect (CDIA+). Attained 2012.

b) AIIM Electronic Content Management Practitioner (ECMp). Attained 2012.

6. Memberships in Professional Organizations

a) IEEE Member, IEEE Computer Society Member, and IEEE HKN Honor Society Member
b) ACM Member, ACM SIGCSE Member, and ACM SIGMOBILE Member
c) Beta Gamma Sigma AACSB Honor Society Member

7. Honors and Awards

a) Nominee from Cleveland State University for MAGS Excellence in Teaching Award 2015
b) Recipient of Cleveland State University Doctoral Research Award 2013-2014
c) Multiple recipient of HONK award at Key Bank
d) Recipient of Award of Excellence at Global eXchange Services

8. Service Activities

a) Serving a session chair for SIGCSE 2016 (2016)
b) Served as judge on Hyland first annual Hackathon (2015)
c) Participated in STEM Scholars Panel (2015)
d) Present to high schools on computing impact and market for computing professionals. (2014-Current)
e) Served on Technical Program Committee for 1st International Workshop on Computational Intelligence in Smart Technologies (CIST 2015)
f) Serving on Cuyahoga Valley Career Center Advisory Board (2014 - Present)
g) Reviewer for IEEE Transactions on Emerging Topics in Computing (2014)
h) Created curriculum for Tech Corps' High School Programming Camp in (Summer 2015)
i) Started "Hyland Tech Club" and "Hyland Tech Camps" to get students in the area interested in computing (2014-2015)

9. Publications and Presentations from Past Five Years

a) Brian Krupp, Nigamanth Sridhar, and Wenbing Zhao. "SPE: Security and Privacy Enhancement Framework for Mobile Devices", IEEE Transactions on Dependable and Secure Computing. 2015. In Press.
b) Brian Krupp, "Augmenting Mobile Security and Privacy Controls", Presented at BSides Cleveland Security Conference, Cleveland OH. June 2015
c) Brian Krupp, Nigamanth Sridhar, and Wenbing Zhao. "An Ontology for Enforcing Security and Privacy Policies on Mobile Devices." Proceedings of the 6th International Conference on Knowledge Engineering and Ontology Development (KEOD'14) (Presented). October 21–24, 2014. Rome, Italy.
d) Brian Krupp, Nigamanth Sridhar, and Wenbing Zhao "A Framework for Enhancing Security and Privacy on Unmodified Mobile Operating Systems", in Proceedings of MCSC Workshop on 33rd International Conference on Distributed Computing Systems (ICDCS) 2013 (Presented)
e) Brian Krupp, Nigamanth Sridhar, and Wenbing Zhao "A Survey of Security and Privacy Protection in Mobile Devices", IGI Encyclopedia of Information Science and Technology 3rd Edition.
f) Brian Krupp and Timothy Arndt "An Implementation of a Dynamic Partitioning Scheme for Web Pages", IJCSI Volume 9, Issue 3 May 2012
g) Brian Krupp and Timothy Arndt "Dynamic Web Page Partitioning and Concurrent Retrieval for Improved Web Browser Response", in Proceedings of IADIS e-Society 2011, Avila, Spain, March 10-13, 2011

10. Recent Professional Development Activities

a) Attended SIGCSE conference and New Educators Workshop (2016)
b) Participate in READing Circle – Pedagogies of Engagement at Baldwin Wallace University (2015)