

Ben Smith, PhD

Security and Compliance Focal for IBM Sterling

3 Chartwell Court

Durham, NC, USA

(859) 414-6153

programsam@gmail.com

<https://bsmith.me>

EXPERIENCE

IBM, Research Triangle Park, NC — Security and Compliance Focal for IBM Sterling and IBM Blockchain

May 2019 - PRESENT

Ensure IBM's entire Sterling Business-to-Business Portfolio meets industry standard practices for security and compliance.

IBM, Research Triangle Park, NC — Advisory Software Engineer for IBM Blockchain

April 2015 - May 2019

Take IBM Blockchain from a proof-of-concept to a fully realized production Cloud Service.

IBM, Research Triangle Park, NC — Emerging Technology Institute Developer

August 2012 - April 2015

Produced 10+ proofs-of-concepts using emerging technology such as Internet of Things, Cloud, SaaS, PaaS, and IaaS

EDUCATION

North Carolina State University, Raleigh, NC — PhD in Computer Science; GPA 4.0

August 2009 - August 2012

Advisor: Laurie Williams, PhD; Dissertation: [Empirically Developing a Software Security Test Pattern Catalog Using a Grounded Theory Approach](#)

North Carolina State University, Raleigh, NC — MS in Computer Science; GPA 4.0

August 2007 - August 2009

North Carolina State University, Raleigh, NC — BS in Computer Science; GPA 3.87; Comp. Sci Honors Program

August 2003 - August 2007

SKILLS

DAST, SAST, SOC2, ISO27K, Penetration Testing, Model Building, VMWare, Chef, VirtualBox, Docker, Kubernetes, OpenShift, Automated Software Deployment (CI/CD) Pipelines, R/SAS/SPSS, Threat Modeling, OpenStack, Cloud Foundry, Adobe Premiere, Visual Studio,, Build Engineering, Full stack Development, Logic Pro, Server/IT Admin, Software Testing, Performance Modeling, Agile Product Management, Computer Network Management

LANGUAGES/FORMATS

Java, Node.js, Perl, C/C++, Javascript, Assembler, bash/shell, SQL, JSON, YAML, HTML/XHTML, CSS, XML, DOM/DHTML

AWARDS/HONORS

NC State Dean's Fellowship, IBM PhD Fellowship, Gamma Beta Phi, Upsilon Pi Epsilon, Phi Kappa Phi, National Society of Collegiate Scholars, Golden Key