**Steffanie R Bisinger**

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**EDUCATION**

**Iowa State University**, Ames, IA GPA 3.82/4.0

*MS, Information Assurance* May 2018

**Iowa State University,** Ames, IA

*BS, Software Engineering* May 2016

**TECHNICAL PROFICIENCY**

**Programming languages:** Java, C, Python, HTML/Javascript, Scala, Perl

**Operating systems:** Linux (Debian, Fedora), Windows (Server 2008, 2012, 7, 8)

**Applications:** Git, Apache Server, Wireshark, Aircrack-ng Suite, BurpSuite, Vim, LaTeX, IDA Pro, VMWare vCenter, VMWare vSphere, VMWare ESXi, BEEF, QEMU, ARM cross-compiling tools, Apache Hadoop, Apache Spark

**RELEVENT EXPERIENCE**

**ISEAGE**  Ames, IA

*Research Assistant* November 2013-Present

* Directed the 2015 National Cyber Defense Competition
* Created vulnerable applications for Cyber Defense Competitions
* Led Red Team in attacks against Blue Teams' systems
* Led Green Team in assessing the usability of Blue Teams' systems

**Rockwell Collins** Cedar Rapids, IA

*Network Security Intern* May 2016-August 2016

* Assisted in replacing and upgrading access token infrastructure
* Analyzed and cleaned up firewall rules
* Modified Perl scripts to aid in gathering and analyzing firewall logs

**Workiva** Ames, IA

*Security Intern* May 2015-August 2015

* Assessed the security of internal applications
* Assisted with company-wide security training
* Developed internal python application for automated assessments

**HONORS & ACTIVITIES**

* NSF CyberCorps Scholarship for Service Recipient August 2016
* Finalist team National Cyber Analyst Challenge November 2016
* Volunteer with FTC Iowa January 2016-Present
* 1st place team National Cyber Analyst Challenge November 2015
* Captain of 1st Place CDC Team Fall 2013, Nationals 2014
* Information Assurance Student Group August 2011-Present

**RELEVENT COURSEWORK**

* Operating Systems
* Concurrency and Parallel Programming
* Reverse Engineering
* Tools for Large Scale Data Analysis
* Software Testing
* Real-Time Systems
* Intro to Network Security
* Research Problems in Information Security
* Leadership\*
* Wireless Network Security\*
* Information Warfare\*

\* In progress