

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

RELEVANT 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

RELEVANT 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