Steffanie R Bisinger

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EDUCATION

Iowa State University, Ames, IA MS, Information Assurance Iowa State University, Ames, IA BS, Software Engineering

May 2018 **GPA** 2.7/4.0 May 2016

TECHNICAL PROFICIENCY

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

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

RELEVENT EXPERIENCE

ISEAGE Ames, IA November 2013-Present

Research Assistant

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 May 2016-August 2016

Network Security Intern

- Assisted in replacing and upgrading access token infrastructure
- Analyzed and cleaned up firewall rules and related logging

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

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*

HONORS & ACTIVITIES

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