

# Steffanie R Bisinger

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## EDUCATION

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**Iowa State University**, Ames, IA

*MS, Information Assurance*

May 2018

**Iowa State University**, Ames, IA

*BS, Software Engineering*

May 2016

## TECHNICAL PROFICIENCY

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

**Operating systems:** Linux (Debian, Fedora, and Ubuntu), Windows (Server 2008, XP, 7, 8)

**Applications:** Git, Apache Server, Wireshark, Aircrack-ng Suite, Burp Suite, Vim, LaTeX, IDA Pro, VMWare vCenter, VMWare vSphere, VMWare ESXi

## RELEVANT EXPERIENCE

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### 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 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

## RELEVANT COURSEWORK

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### Completed

Operating Systems

Concurrency and Parallel Programming

Reverse Engineering

Tools for Large Scale Data Analysis

Software Testing

### In Progress

Real-Time Systems

Intro to Network Security

Research Problems in Information Security

## HONORS & ACTIVITIES

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NSF CyberCorps Scholarship for Service Recipient

August 2016

Finalist team National Cyber Analyst Challenge

November 2016

Volunteer with FTC Iowa

Since January 2016

1st place team National Cyber Analyst Challenge

November 2015

Captain of 1st Place CDC Team

Fall 2013, Nationals 2014

Information Assurance Student Group

Since August 2011