

Nicholas J. Losby

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(319) 382-9003

Objective	Improve my skills in cybersecurity	
Education	Iowa State University Major GPA: 3.3; Overall GPA: 2.93 Major: Computer Engineering Minor: Cybersecurity	Aug. 2015 - May 2019
Skills	Languages Python, C, Go, and C# Spanish (Intermediate) and German (Beginner) Programs Binary Ninja, Ghidra, Hopper v4, and IDA Pro 7 American Fuzzy Lop (AFL), syzkaller, and zzuf Tensorflow and TFLearn locally and Amazon Web Services Security Two Factor Authentication on all owned servers A+ on Qualys SSL Labs	
Work	RSM US LLP Security, Privacy, and Risk Consulting Associate External, Internal, Web Application, and PCI Penetration Testing Risk, Advisory, and Security Intern External and Internal Penetration Testing Iowa State University Teaching Assistant CPR E 230: Cyber Security Fundamentals CPR E 231: Cyber Security Concepts and Tools CPR E 331: Cyber Security Cryptography Applications CPR E 431: Basics of Information System Security Research Assistant Implementation of Cybersecurity Engineering major ESXi Management and troubleshooting Created and implemented new cybersecurity labs Department of Psychology IT Developed knowledge in ticketing systems and enterprise software Troubleshoot user's problems and clearly explain the solution to the user Softronics Ltd. Software Engineering Intern Self-managed Machine Learning project using low cost hardware Embedded systems firmware (Cypress PSoC) Large Node.js application to interface with hardware	June 2019 - Present June 2018 - Aug. 2018 Aug. 2018 - May 2019 Jan. 2018 - May 2019 Aug. 2015 - Dec. 2017 May 2016 - Aug. 2017 May 2017 - Aug. 2017 Dec. 2016 May 2016 - Aug. 2016
Volunteer	Information Assurance Student Group Vice President Linn-Mar High School Theater Technician (800+ hours donated) Boy Scouts of America (Attained Eagle Scout Status) Replaced drainage tile at local playground (140 hours)	Aug. 2018 - May 2019 Sept. 2011 - May 2015 April 2008 - Aug. 2012

Awards and Honors	CVE-2018-7740, CVE-2018-10639, CVE-2019-18988, and CVE-2020-35992	
	Offensive Security Offensive Security Certified Professional (OSCP)	Jan. 2020
	Information Assurance Student Group First Place at National Cyber Defense Competition	Feb. 2019 and Feb. 2016
Presentations	Information Assurance Student Group A Tale of CVE-2018-7740	Oct. 2018
	Beginner's Night Reverse Engineering	Mar. 2019
	Bug Bounties	Mar. 2019
	Binary Exploitation Workshop	Apr. 2019
Interests	All major Capture the Flag Competitions	Oct. 2015 - Present
	Real Small Malware	
	Ham Radio (K00LIO)	
	Self-hosted Homelab NAS, Git, and ESXi	