

Nicholas J. Losby

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Marion, IA 52302

Objective	Improve my skills in cybersecurity	
Education	Iowa State University	Aug. 2015 - Present
	Core GPA: 3.125	
	Major: Computer Engineering	
	Minor: Cybersecurity	
	Linn-Mar High School	Aug. 2011 - May 2015
Skills	Languages	
	C, Python, Java, and Web Development	
	Spanish (Intermediate)	
	Programs	
	Binary Ninja, Hopper v4, and IDA Pro 7	
	American Fuzzy Lop, 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	
	Intern	Jun. 2018 - Aug. 2018
	External and internal penetration testing	
	Iowa State University	
	Research Assistant	Jan. 2018 - Present
	ESXi Management and troubleshooting	
	Created and implemented new cybersecurity labs	
	Department of Psychology IT	Aug. 2015 - Dec. 2017
	Developed knowledge in ticketing systems and enterprise software	
	Troubleshoot user's problems and clearly explain the solution to the user	
	Softronics Ltd.	May 2016 - Aug. 2017
	Software Engineering Intern	
	Self-managed Machine Learning project using low cost hardware	May 2017 - Aug. 2017
	Embedded systems firmware (Cypress PSoC)	Dec. 2016
	Large Node.js application to interface with hardware	May 2016 - Aug. 2016
Volunteer	Linn-Mar High School	
	Theater Technician (800+ hours donated)	Sept. 2011 - May 2015
	Boy Scouts of America (Attained Eagle Scout Status)	April 2008 - Aug. 2012
	Replaced drainage tile at local playground (140 hours)	
Awards and Honors	CVE-2018-7740 and CVE-2018-10639	Mar. 2018
	Department of Computer Science	
	Best Project (COMS 309)	Dec. 2017
	Information Assurance Student Group	
	First Place at National Cyber Defense Competition	Feb. 2016
Interests	All major Capture the Flag Competitions	Oct. 2015 - Present
	Ham Radio (KO0LIO)	
	Self-hosted Homelab	
	NAS, Git, and ESXi	