

Objective	To obtain a full time Software Engineering position with an emphasis in Machine Learning and Security							
Education	University of Missouri - Columbia						July 2021	
	<b>Ph.D. Computer Science</b>						<b>GPA: 4.0/4.0</b>	
	Missouri University of Science and Technology						May 2019	
	<b>M.S. Computer Science</b>						<b>GPA: 3.92/4.0</b>	
	Missouri University of Science and Technology						May 2016	
	<b>B.S. Computer Science</b>						<b>GPA: 3.83/4.0</b>	
	<b>Minor: Computer Engineering &amp; Mathematics</b>							
Experience	University of Missouri - Columbia						Columbia, MO	
	<b>Graduate Teaching Assistant</b>						Spring 2020	
	<ul style="list-style-type: none"><li>Graded assignments and exams for a junior level database course</li><li>Provided academic support and instruction to students</li></ul>							
	Missouri University of Science and Technology						Rolla, MO	
	<b>Graduate Teaching Assistant</b>						Fall 2019	
	<ul style="list-style-type: none"><li>Responsible for instructing students on objected-oriented programming (C++)</li><li>Prepare lesson plans that are both informative and engaging to students</li><li>Enforced the high integrity standards outlined by the university</li></ul>							
	Sandia National Laboratories						Albuquerque, NM	
	<b>Cybersecurity Intern</b>						May 2017 - Dec 2019	
	<ul style="list-style-type: none"><li>Created a Laika BOSS module to filter out metadata</li><li>Applied machine learning to find correlations between source code and binary</li><li>Created emulytics software using C for the 1553 data bus protocol</li><li>Designed and implemented a graph labeling attack algorithm</li><li>Developed Python libraries in C++ for more efficient software</li><li>Analyzed network data using Bro and machine learning</li></ul>							
	<b>Cybersecurity Training</b>						January 2016/17/18/19	
	<ul style="list-style-type: none"><li>Employed Metasploit to break into Windows Machines</li><li>Used IDA Pro to reverse engineer malware</li><li>Mapped out network topography using nmap and Netmeld</li></ul>							
	Cerner						Kansas City, MO	
	<b>Software Engineering Intern</b>						Summer 2016	
	<ul style="list-style-type: none"><li>Created a Ruby On Rails web application with added security features</li><li>Provided live demos weekly to management</li></ul>							
Computer Skills	Advanced:	C++	Python					
	Proficient:	Java	Ruby	L <sup>A</sup> T <sub>E</sub> X	SQL	Linux	Ruby on Rails	
		Assembly	Nmap	Git	MATLAB	Javascript	Kali	Wireshark
		Tensorflow	Keras	Sklearn	Numpy			
Honors & Activities	Scholarship For Service (SFS) Recipient							
	Association for Computer Machinery - <b>President, Secretary</b>							
	ACM Programming Competition - <b>Chair</b>							
	Cyber Defense Team - Member							
	Computer Science Department Leadership Award							
	Downtown Hall Association - <b>Vice President</b>							
	Institute of Electrical and Electronics Engineers - Member							
	Associated Students of the University of Missouri - <b>Programing Coordinator</b>							
	History Club - <b>Vice President</b>							
	Collegiate Eagle Scout Association - <b>Vice President</b>							
	President's Volunteer Service Award							