Dalton Cole

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Objective	To obtain a	year-round	internship at	Sandia Natio	onal Labora	tories in Cyb	ersecurity	
Education	Missouri University of Science and Technology Ph.D. Computer Science							May 2019 GPA: 3.85/4.0
	Missouri University of Science and Technology B.S. Computer Science Minor: Computer Engineering & Mathematics							May 2016 GPA: 3.83/4.0
Experience	 Sandia National Laboratories Cybersecurity Intern Applied machine learning to find correlations between source code and binary 							Albuquerque, NM Summer 2017
	 Created emulytics software using C for the 1553 data bus protocol Cybersecurity Training Gained in-depth knowledge of the ISO model Used IDA Pro to reverse engineer malware Used nmap to map out networks 							January 2016/17
	Cerner Software Engineering Intern Created a Ruby On Rails web application Added security features to the web application Provided live demos weekly to management							Kansas City, MO Summer 2016
	Missouri University of Science and Technology Introduction to Artificial Intelligence • Programmed a chess AI using Time-Limited ID-DFS MiniMax with alpha-beta pruning and Quiescence Search							Rolla, MO Spring 2016
	 Implemented different searching techniques such as BFS, ID-DFS, and A* Object-Oriented Numerical Modeling I Designed abstract data types to represent the basic building blocks in mathematics Optimized C++ code for run time and reusability Computer Networking Created a peer to peer file sharing program for Unix based systems Learned python networking Implemented networking protocols 							Spring 2016
								Fall 2015
Computer Skills	Advanced: Proficient: Learning:	C++ Swift Multisim MATLAB Java	Python SQL PuTTY Javascript Metasploit	Ruby Linux Assembly Kali	Windows MIPS LaTeX	Mac OS X Git Wireshark	Ruby on 1 Microcont Nmap	
Honors & Activities	Scholarship For Service (SFS) Recipient Association for Computer Machinery - President, Secretary Computer Science Department Leadership Award Cyber Defense Team - Member ACM Programming Cometition - Chair Downtown Hall Association - Vice President Institute of Electrical and Electronics Engineers - Member Associated Students of the University of Missouri - Programing Coordinator History Club - Vice President							

Collegiate Eagle Scout Association - Vice President

President's Volunteer Service Award