## Dalton Cole

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Objective	To obtain a	an internship	for the sumn	ner of 2017 in	Cybersecur	ity			
Education	Missouri University of Science and Technology Ph.D. Computer Science							May 2019 GPA: 3.8/4.0	
	Missouri University of Science and Technology B.S. Computer Science Minor: Computer Engineering & Mathematics							May 2016 GPA: 3.8/4.0	
Experience	<ul> <li>Cerner</li> <li>Software Engineering Intern</li> <li>Created a Ruby On Rails web application</li> <li>Added security features to the web application</li> <li>Provided live demos weekly to management</li> </ul>							Kansas City, MO Summer 2016	
	Sandia National Laboratories  Cybersecurity Training  Gained in-depth knowledge of the ISO model  Used IDA Pro to reverse engineer malware  Used nmap to map out networks							Albuquerque, NM January 2016	
	Missouri University of Science and Technology Introduction to Artificial Intelligence  • Programmed a chess AI using a Time-Limited ID-DFS MiniMax with alpha-beta pruning and Quiescence Search							Rolla, MO Sprint 2016	
	<ul> <li>Implemented different searching techniques such as BFS, ID-DFS, and A*</li> <li>Object-Oriented Numerical Modeling I</li> <li>Designed abstract data types to represent the basic building blocks in mathematics</li> </ul>							Sprint 2016	
	<ul> <li>Optimized C++ code for rune time and reusability</li> <li>Computer Networking</li> <li>Created a peer to peer file sharing program for Unix based systems</li> <li>Learned python networking</li> </ul>							Fall 2015	
	<ul> <li>Implemented networking protocols</li> <li>Software Engineering</li> <li>Developed a matrices application for the iPhone using Swift</li> <li>Organized weekly meetings with group members scrum</li> </ul>							Spring 2015	
Computer Skills	Advanced: Proficient: Learning:	C++ Swift Multisim MATLAB Java	Python SQL PuTTY Javascript GO	Ruby Linux Assembly CoffeScript	Windows MIPS LaTeX	Mac OS X Git Wireshark	Ruby o Microc Nmap	on Rails ontrollers	
Honors & Activities	Scholarship For Service Recipient Association for Computer Machinery - President, Secretary Computer Science Department Leadership Award Cyber Defense Team - Member 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 -  $\bf Vice\ President$ 

President's Volunteer Service Award