## Dalton Cole

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Objective	To obtain a	an internship	for the sumr	ner of 2017 in	Cybersecuri	ty			
Education	Missouri University of Science and Technology Ph.D. Computer Science							May 2019	
	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>Gave live demos weekly</li> </ul>							Kansas City, MO Summer 2016	
	Sandia National Laboratories  Cybersecurity Training  Gained in-depth knowledge of the ISO model  Learned the tools needed to reverse engineer malware  Used nmap to map out networks							Albuquerque, NM January 2016	
	Missouri University of Science and Technology Introduction to Artificial Intelligence  • Created a chess AI that used Time-Limited ID-DFS MiniMax with alpha-beta pruning and Quiescence Search  • Implemented different searching techniques such as BFS, ID-DFS, and A*							Rolla, MO Sprint 2016	
	<ul> <li>Object-Oriented Numerical Modeling I</li> <li>Create abstract data types to represent the basic building blocks in mathematics</li> <li>Optimized C++ code</li> </ul>							Sprint 2016	
	<ul> <li>Optimized C++ code</li> <li>Computer Networking</li> <li>Created a peer to peer file sharing program for Unix based systems</li> <li>Learned python networking</li> <li>Implemented networking protocols</li> </ul>							Fall 2015	
Computer Skills	Advanced: Proficient:		Python SQL Multisim Javascript	Ruby Linux PuTTY CoffeScript	Windows Assembly LaTeX	Mac OS X MIPS Wireshark	Ruby on Microcon Nmap		
Honors & Activities	Learning: Java GO Scholarship For Service Recipient Association for Computer Machinery - <b>President</b> (2015-16), <b>Secretary</b> (2014-15, 2016-17) Computer Science Department Leadership Award - 2016 Cyber Defense Team - Member(2015-16) Downtown Hall Association - <b>Vice President</b> (Spring 2015) Institue of Electrical and Electronics Engineers - Member(Spring 2015) Associated Students of the University of Missouri - <b>Programing Coordinator</b> (2014-15)								

History Club - **Vice President**(2014-15) Collegiate Eagle Scout Association - **Vice President**(2014)

President's Volunteer Service Award - 2013