

Dalton Cole

School Address

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Home Address

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Objective	To obtain an internship for the summer of 2017 in Cybersecurity	
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	Cerner Software Engineering Intern <ul style="list-style-type: none">• Created a Ruby On Rails web application• Added security features to the web application• Gave live demos weekly	Kansas City, MO Summer 2016
	Sandia National Laboratories Cybersecurity Training <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 Spring 2016
	Object-Oriented Numerical Modeling I <ul style="list-style-type: none">• Create abstract data types to represent the basic building blocks in mathematics• Optimized C++ code	Spring 2016
	Computer Networking <ul style="list-style-type: none">• Created a peer to peer file sharing program for Unix based systems• Learned python networking• Implemented networking protocols	Fall 2015
	Software Engineering <ul style="list-style-type: none">• Created a matrices application in Xcode for the iPhone• Organized weekly meetings with group members• Learned Swift programming	Spring 2015
	Winnetonka High School Technology Department Intern <ul style="list-style-type: none">• Installed software on various operating systems• Assisted students and teachers with a variety of technological issues	Kansas City, MO Aug 2012 - May 2013
	Burger King Chef <ul style="list-style-type: none">• Handled currency and credit transactions quickly and accurately• Resolved complaints promptly and professionally• Followed procedures for safe food preparation, assembly, and presentation	Kansas City, MO Summer 2013
	Worlds of Fun Rides Ambassador <ul style="list-style-type: none">• Worked with other employees in developing team work and cooperation• Insured customer safety through constant inspection of the ride and of customers	Kansas City, MO Apr 2011 - Sept 2012

Computer Skills	Advanced:	C++	Python	Ruby			
	Proficient:	Swift	SQL	Linux	Windows	Mac OS X	Ruby on Rails
		QuartusII	Multisim	PuTTY	Assembly	MIPS	Microcontrollers
		MATLAB	Javascript	CoffeScript	LaTeX	Wireshark	Nmap
	Learning:	Java	GO				

Honors & Activities

Scholarship For Service Recipient

Association for Computer Machinery - **President**(2015-16), **Secretary**(2014-15, 2016-17)

Computer Science Department Leadership Award - 2016

Cyber Defense Team - Member(2015-16)

Downtown Hall Association - **Vice President**(Spring 2015)

Institute of Electrical and Electronics Engineers - Member(Spring 2015)

Associated Students of the University of Missouri - **Programing Coordinator**(2014-15)

History Club - **Vice President**(2014-15)

Residential Hall Association - Member(2014-15)

Collegiate Eagle Scout Association - **Vice President**(2014)

Thomas Jefferson Hall Association - Member(2013-14)

President's Volunteer Service Award - 2013

Assisteens - **President**(2012-13), **Vice President**(2011-12)