Dalton Cole

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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 **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

Cerner — Kansas City, MO — Summer 2016
Software Engineering Intern
- Created a Ruby On Rails web application
- Added security features to the web application
- Provided live demos weekly to management

Sandia National Laboratories — Albuquerque, NM — January 2016
Cybersecurity Training
- Gained in-depth knowledge of the ISO model
- Used IDA Pro to reverse engineer malware
- Used nmap to map out networks

Missouri University of Science and Technology — Rolla, MO
Introduction to Artificial Intelligence — Sprint 2016
- Programmed a chess AI using a Time-Limited ID-DFS MiniMax with alpha-beta pruning and Quiescence Search
- Implemented different searching techniques such as BFS, ID-DFS, and A*

Object-Oriented Numerical Modeling I — Sprint 2016
- Designed abstract data types to represent the basic building blocks in mathematics
- Optimized C++ code for rune time and reusability

Computer Networking — Fall 2015
- Created a peer to peer file sharing program for Unix based systems
- Learned python networking
- Implemented networking protocols

Software Engineering — Spring 2015
- Developed a matrices application for the iPhone using Swift
- Organized weekly meetings with group members scrum

Computer Skills

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

Honors & Activities

Scholarship For Service Recipient
Association for Computer Machinery - **President**, **Secretary**
Computer Science Department Leadership Award
Cyber Defense Team - members
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