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Objective	To obtain a full time Software Engineering or Data Science position at Sandia National Laboratories with an emphasis in Machine Learning and Security

Education	University of Missouri - Columbia **Ph.D. Computer Science**	July 2021 **GPA: 3.92/4.0**	
	Missouri University of Science and Technology **M.S. Computer Science**	May 2019 **GPA: 3.92/4.0**	
	Missouri University of Science and Technology **B.S. Computer Science** **Minor: Computer Engineering & Mathematics**	May 2016 **GPA: 3.83/4.0**	

Experience	University of Missouri - Columbia **Graduate Teaching Assistant**	Columbia, MO 2020

- Graded assignments and exams for a junior level database course
- Provided academic support and instruction to students

Missouri University of Science and Technology — **Graduate Teaching Assistant** — Rolla, MO — Fall 2019

- Instructed students on objected-oriented programming (C++)
- Prepared lesson plans that are both informative and engaging to students
- Enforced the high integrity standards outlined by the university

Sandia National Laboratories — **Cybersecurity Intern** — Albuquerque, NM — May 2017 - Dec 2019

- Created a Laika BOSS module to filter out metadata
- Applied machine learning to find correlations between source code and binary
- Created emulytics software using C for the 1553 data bus protocol
- Designed and implemented a graph labeling attack algorithm
- Developed Python libraries in C++ for more efficient software
- Analyzed network data using Bro and machine learning

Cybersecurity Training — January 2016/17/18/19

- Employed Metasploit to break into Windows Machines
- Used IDA Pro to reverse engineer malware
- Mapped out network topography using nmap and Netmeld

Cerner — **Software Engineering Intern** — Kansas City, MO — Summer 2016

- Created a Ruby On Rails web application with added security features
- Lead a team of interns in weekly live demos to management

Computer Skills							
Advanced:	C++	Python					
Proficient:	Java	Ruby	LaTeX	SQL	MATLAB	Javascript	HTML
	Django	Linux	Tensorflow	Keras	Sklearn	Numpy	GANs

Honors & Activities

Scholarship For Service (SFS) Recipient
Association for Computer Machinery - **President**, **Secretary**
ACM Programming Competition - **Chair**
Cyber Defense Team - Member
Computer Science Department Leadership Award
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