

SUMMARY	Specialities: probability and statistics, computer and network security, and Linux system administration.	
EDUCATION	University of Illinois at Urbana-Champaign (UIUC), IL	2016 - May 2018
	<i>Masters in Library and Information Science · School of Information Sciences (iSchool) · Ranked #1 in U.S.</i>	
	Foreign Trade University, Hanoi, Vietnam	2011 - 2015
	<i>Bachelor of Business Administration (BBA) · Ranked top 3 in Vietnam</i>	
TECHNICAL SKILLS	<ul style="list-style-type: none">• Programming languages: Python, Bash shell• Data analysis: MySQL, R• Editor: Emacs (spacemacs), vim, L^AT_EX	
WORK EXPERIENCE	<i>Security Operation Intern, National Center for Supercomputing Applications (NCSA), UIUC 2017</i> Built a distributed log platform to propagate attack data to participating sites in real time. <ul style="list-style-type: none">- Automated deployment of an SSH key logger honeypot in participating sites [Python, Ansible playbook].- Built an ETL data streaming pipeline to measure and distribute network and host authentication logs [Kafka].- Distributed security logs using pub-sub and gossip-based peer-to-peer messaging [ZeroMQ].	
	<i>IT Help Desk, Instructional Tech & Design, iSchool, UIUC</i>	2016 - 2017
	<ul style="list-style-type: none">- Produced technical documents for faculty staffs on Cloud Computing & Storage, UNIX, and MySQL.- Supported remote or in-person students and staffs for technical issues.- Guided guest speakers and students using the Blackboard Collaborate tool.	
RESEARCH EXPERIENCE	University of Illinois at Urbana Champaign	
	<i>Data Extraction Project</i>	2017
	Evaluated accuracy of RobotReviewer, a medical data extraction software using natural language processing. <ul style="list-style-type: none">- Extracted entities and sentiments from human reviews and RobotReviewer reviews [Python, NLTK].- Compared the similarity between human vs. RobotReviewer [Jaccard similarity metric].	
	<i>Information Assurance Course Project</i>	2016
	Analyzed hidden risks of authentication methods: password, biometrics, and physical authentication keys. <ul style="list-style-type: none">- Surveyed 35 participants on the three authentication methods.- Analyzed issues and usages of the three authentication methods for participants.	
COURSES	Data, Statistical Models and Information Communication Networks Information Assurance Introduction to Databases Network Analysis Information Organization and Access Library, Information and Society Foundations of Information Processing in Library and Information Science	
REFERENCES	Alexander Withers Senior Security Engineer, NCSA withers@illinois.edu	