

Education	Candidate for Bachelor of Science in Computer Science and Minors in Chinese and Math University of Arkansas, Fayetteville, AR GPA: 3.838 Major GPA: 3.913 Study Abroad: Hangzhou Normal University – Hangzhou, China	Graduation: May 2020 June 2017 – July 2017
Awards	<ul style="list-style-type: none">University of Arkansas Chinese Speech Contest : 2017 - Finalist, 2018 – 2nd placeArkansas Governor’s Scholarship: 2016 - 2020	
Research	A Novel Multi-Modal Biometric Based Encryption Scheme for Medical Images University of Arkansas ARA Lab, Fayetteville, Arkansas; Advisor: Dr. Justin Zhan <ul style="list-style-type: none">Developing a novel cancelable two-factor medical image encryption scheme that generates a secret key by transforming the patient’s iris code and fingerprint vector through indexing first one hashing to eliminate the need for storing patient’s bioinformatic information. On the Implementation and Performance Evaluation of Five Open-Source FHE Schemes University of Arkansas, Fayetteville, Arkansas; Advisor: Dr. Dale Thompson <ul style="list-style-type: none">Researching, implementing, and comparing five different open-source fully homomorphic encryption schemes, namely: MicrosoftSEAL, PALISADE, HEAAN, HELib, and TFHE. REU-Combinatorics and Algorithms for Real Problems : Post-Quantum Cryptography University of Maryland, College Park, Maryland; Advisor: Dr. Jonathan <ul style="list-style-type: none">Researching and verifying FrodoKEM, a proposed family of Key Encapsulation Mechanisms proposed to NIST for the Post-Quantum Cryptography Project. Secure Computing for Bioinformatics University of Arkansas, Fayetteville, Arkansas; Advisor: Dr. Dale Thompson <ul style="list-style-type: none">Teaching graduate bioinformatics student’s computer skills and how to use the bioinformatic processing software called QIIME.	Sept. 2019 – Present Sept. 2019 - Present June 2019 – Aug. 2019 Sept. 2018 – May 2019
Experience	Network Security Technician University of Arkansas, Fayetteville, Arkansas <ul style="list-style-type: none">Developed and maintained the Palo Alto MineMeld server that aggregates open source known malicious IPs, Domains, and URLs into Panorama for monitoring and blocking.Conducted network discovery to monitor security and network issues.Helped discover Palo Alto Panorama PAN-OS Information Disclosure vulnerability PAN-SA-2019-0019.Assisted in improving network closet security planning and conducting installation of security cameras, switch port locks, and key card access to the closets. Network Technician University of Arkansas, Fayetteville, Arkansas <ul style="list-style-type: none">Configured, installed, and repaired wireless access points and switches.Assisted in diagnosing the universities network problems including testing cables, wireless access points, and switch ports helping to provide network reliability across campus.Responded to network problem tickets quickly and efficiently to maintain an excellent relationship between client and the network engineering team.	Sept. 2018 – Sept. 2019 Mar. 2017 – Sept. 2018
Involvement	Collegiate Cyber Defense Competition University of Arkansas, Fayetteville, Arkansas <ul style="list-style-type: none">Learning cyber defense skills such as Wireshark, firewall management, how to install services such as DNS, as well as how to write business injects to prepare to compete in the CCDC competition.	Jan. 2018 - Present
Software	C++, Java, Python, MATLAB, Linux. Windows, Mac OS	
Languages	<ul style="list-style-type: none">Mandarin Chinese – Advanced Proficiency	
Technical Training	Hands on training for Tier 1 Palo Alto Firewall, Cisco Wireless provisioning and deployment	