

Blake Nelson

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Technical Summary	DoD Clearances: Secret Languages: Python, C++, C#, Java Operating Systems: Linux (RHEL/Ubuntu), Windows 7/8/10 Methodologies: Agile, Git Flow Software Tools: MATLAB, JIRA Courses: Cryptography I, Operating Systems, Data Structures & Algorithms, Computer Architecture	
Education	Texas A&M University, College Station TX <i>Bachelor of Science – Computer Engineering (Computer Science Track), 3.7 GPA</i> <ul style="list-style-type: none">Mathematics MinorStudent Researcher in Secure Communications and Computer Systems Lab, working on Software Defined NetworksEngineering Honors Program	May 2019
Development Experience	Microsoft, Seattle WA <i>Technical Intern, Azure Identity</i> <ul style="list-style-type: none">Worked on Identity Access Management team for AzureImplemented a backend web API for managing third party service roles with Active Directory membersCompleted weekly deliverables to ship my project in a timely manner Lockheed Martin, Fort Worth TX <i>Technical Specialist Intern, Internal Research and Development</i> <ul style="list-style-type: none">Installed and configured Linux for embedded avionics equipmentDeveloped a java message plugin used for a specific serialized protocolLed daily and weekly Agile team meetings Fidelity Investments, Westlake TX <i>Technical Intern, Cloud Computing Team</i> <ul style="list-style-type: none">Developed and integrated 11 features and bug fixes that were launched to the production environment, using Python, SQL, and hosted on a Linux environmentUsed Atlassian software suite to track and complete custom requests and issues using Agile Crypto In Action <i>Personal Project</i> <ul style="list-style-type: none">Implementation of common cryptographic ciphers using C++ socketsAlgorithms include RSA encryption, Diffie-Hellman key exchange, and othersBased on TCP networking and cryptography concepts learned in class	May 2018 – Aug 2018 May 2017 – Aug 2017 May 2016 – Aug 2016 July 2018 – Present
Activities	Texas A&M Cybersecurity Club <i>Member</i> <ul style="list-style-type: none">Student run organization that educated students and develops skills necessary to succeed in the rapidly changing world of cybersecurity.Host industry speakers, organize meetings, host events, and foster a culture of learning. Fish Camp (Freshmen Orientation) <i>Counselor</i> <ul style="list-style-type: none">Mentored both large and small groups of incoming freshmen through activities to orient them to college.Organized and led on campus events throughout the semester to maintain relationships with the freshmen.	Sept 2016 - Present Mar 2016 – Oct 2017