**BRAYDEN FAULKNER**

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**OBJECTIVE**

To obtain a position where I can utilize my training and experience as a software engineer with an organization that promotes on the job training and provides me with the opportunity to better myself by providing new and unique challenges.

**Education**

**University of Tennessee at Martin, Martin, TN** **Expected Graduation: May 2020**BS. Computer Science minor; Criminal Justice

**Sans Undergraduate Applied Cybersecurity Program Expected Graduation: May 2020**

GSEC, GCIH, and GPEN

**EXPERIENCE**

June 2017-Present - FBI Memphis Office

*Student Workforce Trainee*

**SKILLS**

Ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based system

Can analyze a problem, and identify and define the computing requirements appropriate to its solution

The ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices

Identifying and exploiting various software vulnerabilities

The ability to apply design and development principles in the construction of software systems of varying complexity

Can design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs

*Programming Languages*: Python, C++, C#, HTML, CSS, SQL, LATEX, and Bash

*Software:* SQLMap, John The Ripper, OCL Hashcat, Hydra, Medusa, NMAP, Metasploit, OpenVas, OWASP ZAP Proxy, Code Blocks, AWS Lambda, DynamoDB, Nessus

*Operating Systems:* Windows 95-10, MacOS, Alexa, Ubuntu, Kali, and various other Linus Distros

*Technical Skills*: Malware Analysis, Computer Forensics, Computer Organization and Architecture, Penetration Testing, Password Cracking

**LEADERSHIP**

Student Leadership Challenge, Honors Program, Freshmen Council at UTM-Academic Affairs Committee, Senator, Legislative Branch Chair, and President of UTM TISL Delegation, Phi Beta Sigma, Chapter Treasurer Phi Sigma Kappa, President of UTM Chapter Association for Computing Machinery, Co-Founder of UTM Cyber Ambassadors.

**AWARDS**

Honor Roll, American Legion Boy’s State Delegate-Tennessee Tech University, 2nd place in Crime Scene Investigation and 3rd place in Uniform Inspection @ BSA Winterfest 2015, 3rd place in Algebra II at Tennessee Math Teachers Association regional math competition, Congressional Leadership Summit-Austin Peay State University, 5th place in Written Criminal Justice Exam @ BSA Winterfest 2016, 3rd place Skills USA Crime Scene Investigation Regional Competition, 2016, Envision National Youth Leadership Conference for National Security and Intelligence-Washington, D.C., 3rd place team in Pre-Calculus at Tennessee Math Teachers Association regional contest, Graduated 15 in class of 1998, 2nd Best Serverless Full Stack Solution at VolHacks III, Most Entertaining Project and Best Use of .Tek Domain PickHacks 2019, Final Scholarship Recpeint SANS CyberFastTrack Program