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# CASEY STEPHENS

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## EXPERIENCE

STUDENT SECURITY ANALYST; TEXAS A&M ENGINEERING INFORMATION TECHNOLOGY SECURITY OFFICE – DECEMBER 2017- PRESENT

- Monitor and Respond (Vectra and Endgame) to Texas A&M College of Engineering network security incidents.
- Perform event log and machine memory analysis using static analysis methods (manual, Volatility, etc) and SANS SIFT workstations.
- Triaging historical and present network flow data (6TB+) against present incident detection data to the end goal of providing a logical explanation of present incidents and to expedite overall response and remediation times.
- Additionally, this aforementioned data will be researched to analyze and better understand system vulnerability patterns and to identify tangible evidence of unwarranted, persistent agents within the system networks.
- Finding system web server and web application vulnerabilities both in bug-ridden code and in open firewall settings through intensive and comprehensive log analysis.

STUDENT TECHNICIAN: TEXAS A&M ENGINEERING INFORMATION TECHNOLOGY ENTERPRISE APPLICATION DEVELOPMENT TEAM; COLLEGE STATION, TX – SUMMER AND FALL 2017

- Developed and supported engineering information technology enterprise applications such as Laserfiche, Sharepoint, Microsoft SQL Server Management Studio, and Wordpress.
- Basic log analysis security within team applications and university system servers.
- Trained new student workers in Laserfiche and other position technologies.

TEACHERS ASSISTANT: ENGINEERING ACADEMIC AND STUDENT AFFAIRS; COLLEGE STATION, TX – FALL 2016

- Introduction to Engineering
- Taught freshman engineering students: MATLAB & Labview programming, LEGO Robotics, Calculus, Physics and Chemistry in addition to grading assignments, projects and tests.

HOSTESS: ZUCCA 83 ITALIAN RESTAURANT; MCALLEN, TX – SUMMER 2016

- Seating Hostess, additionally bussed & waited tables as necessary.
- Spoke Spanish with restaurant clientele.

TEAM MEMBER: SMOOTHIE KING, LLC; COLLEGE STATION, TX – SPRING 2016

- Customer Service
- Worked smoothie line, register, and grill.

ASSISTANT TEACHER: ENGINEERING FOR KIDS, RGV; MCALLEN, TX – SPRING AND SUMMER 2015

- Taught children (age 4-14) basics in engineering focusing in LEGO Mindstorms Robotics, coding, video game design, teamwork and the engineering product lifecycle.

## EDUCATION

TEXAS A&M UNIVERSITY, COLLEGE STATION, TX. – TECHNOLOGY MANAGEMENT, 2019

Relevant Coursework: C++; C; MATLAB and Labview; Technology and End User Support; Networking; Business Information Systems: Excel, Access, HTML and CSS; UNIX/LINUX Server Development; Amazon Web Services Associate Development; Project Management; Management Cybersecurity.

## SKILLS

### TECHNICAL LANGUAGES:

C++, C, Python, SQL, HTML5/CSS, C#, Java, NodeJS

### OTHER TECHNOLOGIES:

Vectra, Endgame, AZURE OMS, Laserfiche, Sharepoint, Microsoft SQL Server Management Studio, Pycharm, Python Django Framework, PowerBI, UNIX/Linux, Labview, MATLAB, Windows Event Viewer, Volatility.

### CERTIFICATIONS:

- Amazon Web Services Associate Developer Certification May 2018
- Security+ Certification August 2018

### NON-TECHNICAL LANGUAGES:

Conversational Spanish

## ACTIVITIES

TEXAS A&M UNIVERSITY CYBERSECURITY CLUB 2016 - Present

- Webmaster and core organization member
- Texas A&M Women in Cybersecurity Chapter Member
- Attended DEFCON25, RSA Security Conference, and competed in multiple group and individual CTF's.

TEXAS A&M UNIVERSITY TECHNOLOGY MANAGEMENT SOCIETY 2018 - Present

- Organization Creator
- President (2018-2019)

TEXAS A&M COMPETITIVE CLIMBING TEAM 2015 - Present

- Marketing Liaison (2018-2019) and core organization member
- Placed in multiple climbing competitions
- University Competitive Sports Club affiliation (climbed with the competitive team 2018-2019)

## PROJECTS

MATH DUNGEON 2016

TAMUHACK 2016

- Virtual Reality (C#) math learning video game aimed at second grade level (basic addition and division)
- Top 10 project; Winner of Facebook's Top Virtual Reality Project.

STAFF AND FACULTY CONTINUING EDUCATION TEXAS A&M COLLEGE OF ENGINEERING I.T. 2017

- Laserfiche Project within Engineering IT Enterprise Application Development Team.
- Took existing behemoth of a process and greatly increased overall process efficiency by using enterprise application technology to automate Continuing Education Program (Conferences, Workshops, Webinars, Classes, etc) creation, planning and development.
- Project Manager
- Used iterative project management life cycle that handled expected scope and requirements creep.
- Developed project documentation and went through entire project management life cycle from planning meeting with sponsor(s) to full live application of the product.

## TECHNOLOGY MANAGEMENT ORGANIZATION DEVELOPMENT

2018

- Project Manager
- Developed project documentation, received university major affiliation, reached out to program faculty and staff for support and to determine organization goals, and worked cooperatively with ten other individuals to bring this project to fruition.
- Project focused on creating an affiliated student organization to increase awareness of the Technology Management degree program at Texas A&M University and to provide students with opportunities for personal career development (via certification training) and career focused networking events.

## AWARDS & HONORS

### TAMUCTF 2018

- Texas A&M University's premier Capture the Flag Hacking Competition
- 1st Place U3 Division & 9th Place Student Overall (400+ individual student competitors)

### 2018 Student Employee of the Year Nominee

- Texas A&M Engineering Information Technology Student Worker of the Year Nominee.

## REFERENCES

Andrew Stokes	andrewstokes@tamu.edu	501.773.0013	EIT Security
Meghan Southerland	meghanmary@tamu.edu		EIT Enterprise Application Development
Christopher Huff	chuff@tamu.edu		EIT Enterprise Application Development