

Md. Ahsan Ayub

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OBJECTIVE

To obtain an internship for summer 2020 in information technology, network / system analyst, network administration, or software development role that can best utilize my skills, abilities, formal education, and work experience.

EDUCATION

Tennessee Tech University

May 2023

Department of Computer Science

2nd Year Intl. (M.S. leading) PhD student with Cybersecurity concentration; GPA: 4.0 / 4.0

WORK EXPERIENCE

Cybersecurity Education, Research and Outreach Center (CEROC) | Cookeville, TN

Aug, 2018 – Present

Graduate Research Assistant

- Contributed research on the field of Information Privacy, Malware Analysis, and Encryption.
- Initiated research project by reviewing the scope of the project, managing its progress, and analyzing the obtained result with my peers and director of the lab.

Department of Computer Science, Tennessee Tech University | Cookeville, TN

Aug, 2018 – Apr, 2019

Graduate Teaching Assistant

- Assisted Dr. David Brown (Fall 2018) in his course CSC 1300 - Intro to Problem Solving where I helped students understand different components of C programming and solve the problems assigned by Dr. Brown.
- Assisted Dr. Sheikh Ghafoor (Spring 2019) in his course CSC 3040 - Professionalism, Communication, and Research in Computer Science.

Appinion BD Limited | Dhaka, Bangladesh

Feb, 2017 – Jul, 2018

Software Project Manager

- Pioneered planning and designing of the software architecture while managing the software development and UI/UX team to ensure overall software development lifecycle.
- Administered SCRUM framework with a proven experience to timely release software for 1,500+ user platform.

OTHER EXPERIENCE

Cyber Interest Group of Defense and Offense, Tennessee Tech University | Cookeville, TN

Oct, 2018 – Present

Mentor-in-Training

- Collaborated with Computer Science students who are interested in exercising real world implications for defending critical IT infrastructure as well as ethical hacking and penetration testing.
- Contributed creating creative contents of different topics, e.g., Intrusion, Encryption, Malware, etc., to teach the new comers the baseline understanding of cybersecurity.

LEADERSHIP

The Computer Science Graduate Student Club, Tennessee Tech University | Cookeville, TN

Sept, 2019 – Present

President (Past: Event Manager from Sept, 2018 until May, 2019)

CyberEagles Cybersecurity Club at Tennessee Tech University | Cookeville, TN

Sept, 2018 – Present

Member

SKILLS

Data Analysis, GitHub, Machine Learning, Malware Analysis, Network Analysis, Network Configuration, Problem Solving in C / C++, Risk Management, Scripting, SDLC, Situational Awareness, System Hardening, and Web Programming in PHP.