

Berat Arik

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Education:

University of Tennessee, Knoxville

B.S. in Computer Science, with a minor in Cybersecurity and Math

Skills:

Coding:

Experienced: C/C++, Python

Proficient: Javascript, Java

Environments: Windows, Linux

Software: vim, subversion, git, LaTeX, Microsoft Office suite

Writing: Experienced at proofreading and writing meaningful reports.

Relevant Coursework:

Have taken: Computer Organization, Data Structures/Algorithms, Network Security, Discrete Structures, Systems Programming, Automata Theory, Cryptography

Currently taking: Biologically Inspired Computation, Graphics Programming, Operating Systems

Notable Projects:

Data Structures/Algorithms: Solving a maze with DFS

Network Security: Given a client that logs into a remote server and information about how it sends its password, obtain the password

Systems Programming: Created a shell, as well as our own implementations of make, tar, and malloc

TSU contract work: Assisted the university in estimating the economic impact of major military installations in various geographical locations

Involvement:

Attended the 2016 Cyber Security Conference at MTSU; 2016 EDGE Security Conference in Knoxville

Member of the HackUTK, Machine Learning, and Systems clubs at UTK.

- Took part in several CTF events and an organization led Kaggle competition
- Participated in VolHacks, UTK's hackathon

Internship Experience:

Summer '18: Internship at ORNL through the SULI program doing cybersecurity research