DANIEL G. ATIK

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EDUCATION

Tufts University, Medford, MA
Bachelor of Science in Computer Science, received May 2021
Bachelor of Science in Cognitive & Brain Sciences, received May 2021
G.P.A. 3.63/4.0

RELEVANT COURSEWORK

CS Subjects: Algorithms, Computer System Security, Machine Structure and Assembly Language, Web Programming, Artificial Intelligence, Data Structures, Programming Languages, Networks/Protocols
CBS Subjects: Physiological Psychology, Statistics for Behavioral Science, Experimental Psychology, Developmental Psychology, Logic

TECHNICAL SKILLS

Programming and Scripting Languages: Java, C, C++, Python, HTML, CSS, JavaScript, Shell Scripting, SQL
Operating Systems: Mac OSX, Kali Linux, Linux, Windows
Tools: Git, Metasploit, Burp Suite, Nessus, Kubernetes, AWS, Wireshark, LaTeX

PROJECTS

Cipher Tech Forensic CTF
- Implemented a symmetric encryption algorithm, bit level file parsing/data extraction tool, and file carving tool (with simple file repair) using Java.
- Successfully completed the challenge by using the tools I wrote to detect, extract, repair and save obfuscated JPEGs from given binary files.

Network Incident Alarm
- Wrote a tool to parse and dissect network packets programmatically with Python, using scapy and pcapy libraries.
- The tool can sniff on the local network to analyze a live stream or read in a set of network packets to identify incidents such as credentials sent in the clear, port scans, and user specified IP ranges.

EXPERIENCE

Gorilla Gulps LLC, St. Petersburg, FL
Founder/CEO, August 2020 - Present
- Founded and scaled a dietary supplement and nutrition company, overseeing all aspects of product development, manufacturing, distribution, and marketing.
- Leveraged market research, innovative marketing strategies, and a talented team to establish a strong online presence and achieve sustained revenue growth.
- Developed and fine-tuned algorithms to achieve key performance indicators (KPIs) and improve conversion rates, resulting in increased sales revenue and customer engagement.

MITRE Corporation, Bedford, MA
Network Technology and Security Intern, June 2020 - August 2020
- Conducted research and wrote shell scripts to automate setup and maintenance of a network architecture that leverages Kubernetes container orchestration to increase application availability and resiliency in a DDIL (Degraded, Denied, Intermittent, or Latent) network environment.
- Wrote Python and Shell scripts utilizing native linux traffic control and network emulation tools to add disruption to the network, simulating a DDIL environment.

CERTS

CompTIA Security+, eJPT, NASM CPT

HONORS

Cum Laude, Dean's List

ACTIVITIES

Tufts Cyber Security Club, Class Representative: Tufts Lifting Club, HackTheBox