Ashutosh Bhongiri

ATL, GA | (678) 252-7799 | bhongiriashu1@gmail.com | linkedin.com/in/ashu-bhongiri/ | https://abhongiri1.github.io/

EDUCATION

Pennsylvania State University
Bachelor of Science: *Cybersecurity Analytics and Operations*   Graduation: *May 2025*
Minors: *Information Sciences and Technology, Security and Risk Analysis*   GPA: *3.67/4.0*

RELEVANT COURSEWORK

- Computer and Cyber Forensics
- Cyber Incident Handling and Response
- Programming for the Web
- Network Security
- Malware Analytics
- Information Security Management

SKILLS

Technical Skills: AWS, Kali Linux, Python, SQL, Wireshark, Nmap, Nessus, Metasploit, Splunk, Snort, HTML, CSS, Aircrack-ng
Industry Knowledge: Networking, Operating Systems, Scripting, Cryptography, Cloud Security, Incident Response

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF) – *May 2023*   CompTIA Security+ (SY0-701) – *pursuing*
National Security Agency Certificate – *December 2023*

WORK EXPERIENCE

CRM Systems Intern   **Remote**
aiRESULTS   *June 2024 – August 2024*

- Enhanced CRM data security by implementing advanced encryption methods and regular vulnerability assessments, ensuring the protection of sensitive customer information
- Resolved system inefficiencies, leading to a 15% reduction in system downtime and improved overall performance

Cloud Security Intern   **Atlanta, GA**
InNeed Intelligent Cloud   *March 2023 – August 2023*

- Utilized JSON standards to code the IPICS project, a HIPAA-compliant cloud-based DSS system; utilized machine learning to analyze EMR/EHR data and achieved a 25% improvement in prostate cancer treatment personalization
- Created a cloud security awareness training program for employees, enhancing cybersecurity posture by 30%

Cybersecurity Research Intern   **Atlanta, GA**
Softpath Systems LLC   *June 2021 – August 2021*

- Executed comprehensive threat-hunting drills, conducted endpoint analysis, and detected credential abuse; analyzed logs to identify security incidents, leading to a 40% reduction in breach incidents
- Researched and authored 4 papers on major cyberattacks, including the Colonial Pipeline incident and the WannaCry ransomware attack, analyzing attack vectors, impact on critical infrastructure, and countermeasures

PROJECT WORK EXPERIENCE

Security Awareness Training Program
Cloud Security Analyst, InNeed Intelligent Cloud   *June 2023*

- Created 12-hour content covering the AWS shared responsibility model, securing IAM, data protection (in transit and at rest), and practical exercises utilizing AWS CloudTrail logs and Config rules for security monitoring
- Presented an AWS cloud security awareness training program for 30+ company employees, covering topics that included multifactor authentication, the principle of least privilege, password security, and zero trust

Networking and Telecommunications
Project Quality Leader, IST220-Team 6-Gamma, Pennsylvania State University   *August 2022*

- 6 members collaborated as a team to submit a project proposal in response to an RFP from the Centre County school district, acting as a technology company
- Authored a 50-page dissertation, including 12 detailed network diagrams, an implementation plan, legal and security analysis, and technology requirements

LEADERSHIP EXPERIENCE

Order of the Sword and Shield – Homeland Security National Honors Society
Charter Founder, Pennsylvania State University   *March 2022 – Present*

- Promote academic excellence, community service, leadership, and professional development, fostering commitment to excellence in homeland security, intelligence, and emergency management fields on campus