

# Ashutosh Bhongiri

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## EDUCATION

### Pennsylvania State University

Bachelor of Science: *Cybersecurity Analytics and Operations*

Minors: *Information Sciences and Technology, Security and Risk Analysis*

University Park, PA

Graduation Date: *May 2025*

GPA: 3.67, Dean's List

## RELEVANT COURSEWORK

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

## SKILLS

**Technical Skills:** AWS, Kali Linux, Python, SQL, Wireshark, Nmap, Nessus, Metasploit, Splunk, Snort, HTML, Aircrack-ng

**Industry Knowledge:** Cyber Threats, Frameworks, Compliance, Best Practices, Incident Response, Trends, Policies

## CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF) – *May 2023*

National Security Agency Certificate – *December 2023*

*Pursuing* CompTIA Security+ (SY0-701)

*Pursuing* AWS Certified Solutions Architect (SAA)

## WORK EXPERIENCE

### Cloud Security Analyst Intern

*InNeed Intelligent Cloud*

Atlanta, GA

*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

*Softpath Systems LLC*

Atlanta, GA

*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 Intern, 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

### Chapter of The Order of the Sword and Shield Honor Society (Omicron Sigma Sigma)

*Charter Member, 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

### Information Sciences and Technology Honors Society (Gamma Tau Phi)

*Mentor, Pennsylvania State University*

*November 2022 – Present*

- Engage in academic excellence and professional development to promote leadership and success within the field of Information Sciences and Technology