

HASIN ASHRAF RANA
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Academic Credentials

BSc in Computer Science & Engineering	April, 2017 – August, 2021
American International University Bangladesh	CGPA: 3.24 / 4.00

Professional Experience

Prime Bank LTD

Offensive Security & SOC Analyst - June 2022 till present

Responsibilities:

- Identity access management for protecting sensitive enterprise system, assets and information from unauthorized access or use & as well as ensuring data security.
- Reviewing workstation and mobile applications security architecture.
- Monitoring the whole Symantec & CrowdStrike eco system ranging from EDR, CAS, SMG, SEPM, Firewall and enabling and disabling rules of these systems as per company requirements.
- Conducting full malware analysis and giving remediation plan against it.
- Credentialing, Account Creation /Deletion, SSO, Repository Management, RBAC, ZT, T24 SMS Group review, PAM, VPN Access, Brand Monitoring, Dark/Deep Monitoring.
- Conducting solution acquisition, integration scope, technology infrastructure review, application security risk assessment for identifying & tracking technical and logical flaws like security vulnerabilities, compliance issues & business logic problems.
- Credit card transaction monitoring & cross border card payment rule configuration in VISA Risk Manager (VRM) & Mastercard Expert monitoring system (EMS) to detect, protect & prevent fraudulent attempt.
- Regular security monitor through SOC & SIEM (IBM qradar & Resilient).
- Monitoring inbound and outbound messaging security including powerful protection against latest messaging threats, detecting confidential information being used through best practice of security guidelines.
- Implements security improvements by assessing current situation; evaluating trends; anticipating requirements.
- Protecting system by defining access privileges, control structures, and allocating informational resources.

Techforing Ltd

Jr. Cyber Security Engineer -Dec 2021 to June 2022

Responsibilities:

- Safeguards information system assets by identifying and solving potential security problems.
- Perform cybersecurity services like penetration testing, vulnerability assessment, hack recovery.
- Malware analysis, crime investigation, forensic investigation, source code auditing, incident response.
- Protects system by defining access privileges, control structures, and resources.
- Determines security violations and inefficiencies by conducting periodic audits.

American International University Bangladesh

Teaching Assistant, Dhaka, Bangladesh | Joining: Jan 2021 - Aug 2021

Responsibilities:

- Educating students about fundamentals of networking and networking security.
- Took classes on topics related to Computer Networking, Computer Graphics.
- Educated students about fundamentals of networking and networking security.
- Educated students about networking tools like Cisco packet tracer and networking security tools like Security onion.
- Assessing 55 % of term papers.

Thesis Experience

Undergraduate Thesis Work

January, 2021 – August, 2021

American International University Bangladesh (AIUB)

Thesis title: ***“Suggesting the Optimal Solution for The Arable Farmers on The Cognitive Process of Decision-Making Model”***

Thesis Supervisor: Assist. Professor Sajib Hasan

Projects

- Integration and implementation of Check Point Firewall, CrowdStrike EDR & Fortimail .
- Application Security testing on Bank's financial applications likes of internet banking.
- Mobile application security checklist as per organization standard.
- Implementation of rules and policies on EDR, SMG and testing it over on the environment.
- Investigated hacked and virus infected devices and performed full-fledged Digital forensic. Analyzed the infected devices through registry analysis, background app analysis.
- Performed full Block Chain Analysis to find out where the crypto currency is located.
- Performed Social engineering to find out information and locations of various important objects.
- Created Website to find Technicians by using Bootstrap, HTML, CSS, PHP, MySQL Database.
- Created a software using java to store Blood related information.
- Investigated 20+ Cyber-crimes and gave report to client satisfactions.
- Investigated miss placed or hacked crypto's location and successfully raised cases with the respective organization and individual.

Standardized Test Score

English (IELTS ACADEMIC 7; W-7, S-7, L-6.5, R-6.5)

Technical Skills & Certification

Cyber Security Incident Response | C++, Python | AI &Cognitive Science | Cyber Crime Investigation

| Digital forensics | Kali Linux | Pen-testing | Rapid7(Metasploit) | Symantec Endpoint Protection | Malware

Analysis | Symantec Eco System | Cryptocurrency Identification

- CCNAv7: Enterprise Networking, Security, and Automation.
- CCNAv7: Switching, Routing, and Wireless Essentials.
- Cisco Cybersecurity Essentials.
- Certified Ethical Hacker Course and Certification.
- IBCS Primax, Batch: 46.

Achievements

- Achieved 3rd position in national Cyber Drill -2023 out of 60 teams.
- Achieved 4th position in National Cyber Drill- 2022 out of 40 teams.

References

Prof. Dr. Dip Nandi

Professor & Associate Dean

Department of Computer Science, American International University Bangladesh

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Farid Ahamed

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