Jacob Robinson

Cybersecurity Analyst — Cybersecurity BS

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Experience

Issue Management Data Analyst   **Sep 2022 - May 2023**
Western Washington University   *Bellingham, WA*
- Leveraged Python, MySQL, R, classical and descriptive statistical analysis to gain insights on ticket filing efficacy.
- Led research team in the production of a detailed report regarding elements of successful ticket filing.
- Conceptualized and illustrated actionable findings to improve the security ticket filing processes of WA state municipal governments.

Student SOC Analyst   **Jan 2023 - Mar 2023**
PISCES International; Western Washington University   *Bellingham, WA*
- Performed in-depth network traffic analysis, created detailed actionable tickets for local government networks.
- Discovered threats and anomalous activity with signature-based detection using Suricata, ELK stack, OSINT.
- Provided actionable remediation recommendations for reducing attack surfaces, impact of reconnaissance via creation of custom descriptive dashboards.

Security and Risk Management Analyst Intern   **Jun 2022 - Sep 2022**
Twilio   *Bellingham, WA*
- Collaborated with leadership of 23 teams to improve operational resilience related frameworks and documentation.
- Administered cybersecurity control audits to aid in gaining FedRAMP compliance
- Analyzed BC/DR controls for operational deficiencies; composed reports for process improvement.
- Produced standard operational release management recommendations and documentation to improve company resiliency.
- Contributed in long range planning for maturing the operational resilience team's testing scope.

Home Theater Sales Associate   **Oct 2015 - Feb 2021**
Best Buy   *Florida and Washington*
- Built personalized client relationships with every client and provided tailored experiences regarding product and service recommendations.
- Conducted operational tasks including training on-boarding associates, risk management, resolving order complications.

Education

BS Cybersecurity (NSA CAE-D Certified)   **Sep 2021 - Jun 2023**
Western Washington University (GPA: 3.5)   *Bellingham, WA*
- WWU Cybersecurity Club President, WWU Cyber Defense Team Captain, student event leader
- Led WWU Cyber Defense Team in the DoE Cyberforce competition 2022, team member for PRCCDC 2021.
- Experience with Python, Ghidra, Assembly, Git, MySQL, Bash, C, Powershell, and R.
- Directed WWU Cybersecurity Club redevelopment, increasing membership by a factor of two in one year.
- Courses incl. risk management, technical writing, netsec, database architecture, cyber law, reverse engineering, statistics.

AAS, Cybersecurity (NSA CAE-D Certified)   **Sep 2019 - Jun 2021**
Whatcom Community College (GPA: 3.7)   *Bellingham, WA*
- Courses incl. CCNA Routing and Switching, policy and compliance, industrial control systems, service and professionalism.
- Experience with Java, virtualization, ethical hacking, network administration, penetration testing tools.

Projects

Home Lab
- OPNsense home router, TruNAS SMB share, network wide ad-blocking, private Gitlab server, Parrot OS, up-time monitor, Proxmox instance.

Personal Projects & Hobbies
- Customizable windows based email bot for outlook. jacrobin/outlook-based-email-bot
- Novice lock picker.
- Software defined radio enthusiast.
- East Asian poetry.

Workshops & Presentations
- Presented on the WPA2 protocol and its related weaknesses with traffic cracking demo.
- Performed a live demo on wireless adapters and their uses with Parrot OS for wireless network recon and packet capture.
- Presented on how to make a malicious USB for Windows based operating systems and circumvent signature based AV.
- Developed a workshop for beginners on the topic of virtualization, pen testing tools and the Hack-The-Box platform.