Anvay **Buch**

*18 Strawberry Lane, Westford MA 01886*

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|  | 978-761-7313 | [asbuch99@gmail.com](mailto:asbuch99@gmail.com) | | [Github](https://github.com/asbuch99)| [LinkedIn](https://www.linkedin.com/in/anvay-buch) | |
| **Education** |  |  |  |
| **Duquesne University** | | *Pittsburgh, PA* | |
| B.S. IN CYBERSECURITY: MINOR IN COMPUTER SCIENCE | | *Graduated Dec 2022* | |

* Relevant Coursework: Computer Security, Operating Systems, Data Structures, Discrete Mathematics, Network Situational Awareness, Computer Organization and Assembly, Intro to Information Security, Applied Threat Systems

**Work Experience**

**Ultimate Kronos Group** *Lowell, MA*

**TECHNICAL SUPPORT ENGINEER II** *Jul. 2023 ‑ Current Position*

* Create, monitor, and dispatch customer tickets for UKG Pro Workforce Management HCM product
* Specialized in integration and extension deployment for external vendors and customers utilizing Boomi
* Experienced in leveraging APIs for seamless integration using tools such as Postman and cURL
* Utilized CRM tools such as Salesforce Lightning and Jira/Splunk for case and issue tracking
* Provided support for large scale Multi-factor Authentication rollout on entire SaaS platform for all customers

**NewsCorp**

*New York City, NY*

**PRODUCT & APPLICATION SECURITY INTERN** *Jun. 2021 ‑ August. 2021*

* Performed manual code reviews, along with automated Snyk reviews of company software for vulnerabilities based on Jira ticket priority level
* Developed Python and ReactJS scripts to create and send weekly email reports of company wide vulnerability scans via AWS Lambda functions
* Security reporting tool that I created was deployed into production throughout the company and is a core aspect of the security policy.

**SPC Networks**

*Bridgeville, PA*

**TIER 1 HELPDESK ANALYST INTERN** *May. 2019 ‑ Aug. 2020*

* Responded to inbound calls, emails, and tickets from end-users, providing technical assistance and resolving hardware and software issues promptly and professionally.
* Performed initial assessment and triage of incoming support requests, accurately documenting information in the ticketing system.
* Experienced in Mac OS, iOS, Windows and Linux Operating systems
* Monitored and maintained IT inventory, coordinating with vendors for equipment procurement and replacement.

**Skills & Certifications**

* Java, Python, Bash, HTML5/CSS, MS Active Directory, Snyk, ITGlue, Git, TryHackMe, AWS, Docker, Checkmarx, Burp suite, Wireshark, Static Code Analysis, Nessus, Metasploit, Nmap
* Certificates: CompTIA Linux+ Training, Microsoft Office Suite, Google Technical Support (2020),

CompTIA Security+ SY0‑601(2023+)

**Projects**

* Top 10 finalist in FlareCTF competition
* **Python:** Home built vulnerability scanner for current and previous OWASP Top 10 vulnerabilities with ability to identify CVE’s and output a log file.
* **Python**: Facial Recognition log in using OpenCV library with a Raspberry Pi
* **Python**: Created a file encryption/decryption app using Fernet algorithm & public key encryption
* Personal testing on my home lab environment using a variety of tools via Kali Linux including Wireshark, Burp suite, Nmap, Metasploit, and Nessus
* **ReactJS**: Implemented functionality to email reports via AWS Lambda for in‑house vulnerability scanner
* **Java**: Created Single Sign On Application for Medical Devices (Zebra, Honeywell)