Arthur Wood

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GitHub: https://github.com/Awood1029

WORK EXPERIENCE

General Electric   **August 2018 – Present**
Cyber Security Engineer Specialist   *Richmond, Virginia*
- Design and develop engineering features in Python and Ruby to support physical Enterprise Sensoring Group
- Test and revise current monitoring, as well as develop new monitoring solutions utilizing Sensu platform
- Engage with teams worldwide to remediate security risks within infrastructure
- Configure and deploy security tools such as CrowdStrike and Qualys on vESG EC2 instances
- Analyze Splunk alerts and remediate security issues for ESG devices
- Prioritize installation, decommissioning, and troubleshooting of Dell and HP servers through remote consoles (DRAC, iLO) to ensure all applications are running properly and reporting to Splunk

General Electric   **July 2017 – March 2018**
Application Operations Intern   *Richmond, Virginia*
- Developed automation solutions for various task, increasing productivity and efficiency
- Utilized SaltStack to deploy daily Suricata rule checks to hundreds of servers in parallel
- Worked efficiently in agile team atmosphere, and managed workload through Kanban
- Identified, monitored, and remediated security issues with ESG tap devices

EDUCATION

Western Governors University   **July 2018 - Present**
BS, Computer Science (Accelerated Program)   *Salt Lake City, Utah*
- Relevant courses include: Scripting and Programming – Applications (C++), Software 1 (Java), Data Structures and Algorithms (Python), Web Development (HTML/CSS), and Network and Security
- Programs developed: Student Roster written in C++ and GUI Inventory System written with Java/JavaFX

Northern Virginia Community College   **January 2017 – January 2018**
AS, Cyber Security   *Woodbridge, Virginia*
- Received leadership award for Year Up program
- Received internship opportunity at General Electric
- Created and taught a Python class in afternoons for Year Up peers

ACHIEVEMENTS & PERSONAL PROJECTS

- VCU Hackathon: 2nd Place Solo Entry Winner
- Shopify Compete – Java program to assist entrepreneurs
- Song Builder – Piano teacher/assistant Alexa skill written in Python/AWS
- Space shooter game created with Python and Pygame

SKILLS & INTERESTS

- **Skills:** Python, Java, Ruby, C++, Linux, AWS, Agile Methodology, ServiceNow, SaltStack, NetBeans, PyCharm, Scene Builder, JavaFX, HTML, CSS, GitHub, Paramiko, Suricata, Bro, Sensu, Leadership, Problem-solving, Automation Engineering, Monitoring Solutions
- **Interests:** Machine leaning, autonomous vehicles, landscape photography, portrait photography, astrophotography, videography, hiking, kayaking, mountain biking, piano, guitar, drums, and music production