

# Arthur Wood

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GitHub: <https://github.com/Awood1029> ❖ Website: <http://awood1029.github.io>

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## WORK EXPERIENCE

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### General Electric

August 2018 – Present

*Cyber Security Engineer Specialist*

*Richmond, Virginia*

- Design and develop engineering features in Python and Ruby to support physical Enterprise Sensing Group
- Test and revise current monitoring, as well as develop new monitoring solutions utilizing Senu 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 tasks, 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

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### 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

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- VCU Hackathon: 2<sup>nd</sup> 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

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