

# Patrick Bays

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## WORK EXPERIENCE

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### Anvil Systems Group, Inc.

Lorton, VA

*Network Engineer*

*June 2023 – Present*

- Develop 3d CAD models and assemblies of complex assemblies using SolidWorks and/or Creo.
- Maintain network infrastructure and security according to relevant standards.
- Provide change control/management for information system networks.
- Support hands-on integration and test activities.
- Install and test network topologies to support internet and other data transport channels.
- Review, plan, evaluate, and document information system network technology and modifications.
- Provide troubleshooting support and feedback of test results to system design activities.
- Document test results and generate formal test reports.
- Make presentations to customers regarding LAN/WAN design and operation.
- Maintain and operate in Classified networks and environments.
- Maintain Top Secret SCI Security Clearance.

### Old Dominion University

Norfolk, VA

*Systems Group Consultant*

*September 2019 – June 2020*

- Assessed and resolved issues with Computer Science Department accounts and devices for staff and students.
- Completed training on Windows/Linux server creation, server administration, and Cisco Packet Tracer.
- Utilized Microsoft Active Directory to create and manage users, policies, and scripts.
- Maintained Computer Science Department server hardware and user devices.

### Anvil Systems Group, Inc.

Lorton, VA

*Computer Science Intern*

*June 2019 – August 2019*

- Coded python programs for interpreting mass amounts of data for visualization.
- Created Arduino programs to interface with military grade measuring tools.
- Supported senior staff with other tasks, such as soldering, scripting, and hardware assembly.

## EDUCATION

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### Old Dominion University

Norfolk, VA

*BS Candidate in Cybersecurity; 3.0 GPA*

*August 2018 – December 2024 (expected graduation)*

## SKILLS

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- **Programming:** Intermediate experience in both Python and C++.
- **Software:** MS Office Suite, osTicket, Jira, Visual Studio Code, Slack, Microsoft Active Directory.
- **Hardware:** Set up computers and servers for ODU staff and students; worked on various Arduino/breadboard projects.
- **Teamwork:** Adapted to a variety of different team sizes and cultures; held leadership roles and participated in marching band and Boy Scouts throughout high school.

## RECOGNITIONS

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