

# Noah Jennings

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## *Education*

*Old Dominion University, Norfolk, VA*

**Bachelor of Science**

**Major:** Cybersecurity

Expected Fall 2026

GPA 3.33

***Relevant courses:***

Cybersecurity Technology & Society, Cybersecurity Fundamentals, Linux System for Cybersecurity, Cryptography for Cybersecurity, Networked Systems Security

*Old Dominion University, Norfolk, VA*

**Bachelor of Science in Computer Science**

Spring 2021

GPA 3.28

***Relevant courses:***

Intro to Theoretical Computer Science, Principles of Programming Languages, Object-Oriented Programming/Design, Data Structures/Algorithms, Computational Methods & Software, App Development & Smart Devices, Research Methods in Data/Web Science

## *Related Experience*

*Earth Viability Center, Norfolk, VA*

**Cybersecurity Intern**

Summer 2025 - Fall 2025

- Studied access controls, encryption, key management structures, and vulnerabilities
- User open-source tools and virtual machines to conduct a thorough analysis of the web-connected Place4US collaboration platform
- Developed metrics to describe the efficacy of security techniques
- Recommended risk mitigation strategies based on gathered metrics
- Began developing a penetration testing tool to gather website properties and simulate cyber attacks
- Mentored other Cybersecurity interns on best practices and data analysis techniques
- Surveyed scholars on perceptions of AI to supplement the current direction of research communities

*National Aeronautics and Space Administration,  
Hampton, VA*

**Technical Intern**

Fall 2021 - Summer 2022

- Clustered Raspberry Pi computers in a Local Area Network
- Used Apache Software Foundation's (ASF) Hadoop, Kafka, and Spark to distribute cluster storage and processing capabilities
- Contributed to technical journal entries evaluating project overview, implementation, and impact
- Began developing an Operating System-conscious, RESTful Application Programming Interface to remotely trigger cluster capabilities through a basic webpage

## ***Publications***

- Gharasuie, M. M., **Jennings, N.**, & Jain, S. (2021, June). Performance monitoring for exercise movements using mobile cameras. In Proceedings of the Workshop on Body-Centric Computing Systems (pp. 1-6).
- Houston, V. E., Politowicz, M. S., & **Jennings, N. E.** (2023). Intelligent Change Detection System (ICDS): A Machine Learning Approach to Combat Change Blindness in Remote Operation Environments. In AIAA SCITECH 2023 Forum (p. 2527).
- Houston, V. E., Chancey, E. T., Politowicz, M. S., & **Jennings, N. E.** (2023, January). A preliminary development of the Intelligent Change Detection System (ICDS): Using machine learning to combat change blindness in remote operation environments. In AIAA SciTech Forum and Exposition 2023.
- **Jennings, N.**, & Jain, S. (2020). MirrorMatch: Real-Time Detection of Repetitive Movements using Smartphone Camera.
- **Jennings, N.**, Ranjan, D., Jain, S., & Prasanna, P. (2021). Confirming Hardware Accuracy in Eye Tracking Research.

### ***Technical Skills***

- Git
- Python/C++
- Bash Scripting
- Windows/Linux

### ***Certifications***

- Linux (2025)
- GitHub (2024)
- Ethical Hacking (2024)
- Network Fundamentals (2024)
- Machine Learning (2020)

### ***Personal Projects***

- Python Tk Calculator
- Python URL Test Suite
- Programming principles curriculum
- Bash/Batch utilities

## ***Organizations***

**DMC**

*(Developing Men of Color)*

**CS2A**

*(Cybersecurity Student Association)*

**WiCys**

*(Women in Cybersecurity)*

**EWB**

*(Engineers Without Borders)*

**AFCEA**

*(Armed Forces Communications and Electronics Association)*

**EJC**

*(Environmental Justice Club)*