

Noah Jennings

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Education

Old Dominion University, Norfolk, VA

Expected Fall 2026

Bachelor of Science

GPA 3.33

Major: Cybersecurity

Relevant courses:

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

Old Dominion University, Norfolk, VA

Spring 2021

Bachelor of Science in Computer Science

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

Summer 2025 - Fall 2025

Cybersecurity Intern

- Studied access controls, encryption, key management structures, and vulnerabilities
- Used 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,

Fall 2021 - Summer 2022

Hampton, VA

Technical Intern

- 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

- Gharasuei, 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)