

Blake Murphy

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EDUCATION

Old Dominion University, Norfolk, VA

Bachelor Degree In Progress

Major or Concentration: Cybersecurity

GPA: 3.55

Dean's List: Spring 2025

Month & Year of Expected Graduation

May 2028

Minor: N/A

Relevant Courses:

CYSE 250 - This course introduces cybersecurity-centric programming and networking concepts. Students will develop problem solving skills by using low-level programming languages (including C and assembly) and learn fundamentals of network protocols. This course is the technical base for students to take cybersecurity major courses. No prior knowledge of programming and networking is assumed.

CYSE 270 - This course introduces the basic operations in major Linux distros for cybersecurity using both graphical interface and command line interface. Students will learn about the basic installation and configuration, file systems management, shell scripts, and user authentication in Linux systems. This course is the technical base for students to take cybersecurity major courses.

CYSE 300 - This course provides an overview of the field of cybersecurity. It covers core cybersecurity topics including computer system architectures, critical infrastructures, cyber threats and vulnerabilities, cryptography, information assurance, network security, and risk assessment and management. Students are expected to become familiar with fundamental security concepts, technologies and practices, and develop a foundation for further study in cybersecurity.

CYSE 200T - Students will explore how technology is related to cybersecurity from an interdisciplinary orientation. Attention is given to the way that technologically-driven cybersecurity issues are connected to cultural, political, legal, ethical, and business domains.

CYSE 202G - This course provides an in-depth introduction to information literacy from library and information science, information ethics, and computer science perspectives along with applications to cybersecurity research and professional activity. This course is aligned with Old Dominion University's general education learning outcomes for information literacy.

ADDITIONAL EXPERIENCE

Future Business Leaders of America, Dumfries, VA; Volunteer Service

December 2022 – May 2024

- Volunteer service working concession stands to raise money during high school
- Participated in countywide awards and achieved third place in a Cybersecurity competition

LEADERSHIP

Title of Affiliation; Future Business Leaders of America

December 2022 – May 2024

- Student organization
- Frequent involvement in club activities including travelling to participate in competitions and raise money for the organization to benefit the school as well.

SKILLS

Computer skills and technical skills beyond MS Office
Basic experience with Kali Linux
Basic experience with Python



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