

TY VAN BUSKIRK

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EDUCATION

VIRGINIA TECH UNIVERSITY, Blacksburg, VA

May 2028

- Bachelor of Science in Industrial & Systems Engineering
- Minors in Finance and Data Decision Sciences
- GPA: 3.5 (Dean's List)

WORK EXPERIENCE

STOCK ANALYSIS INTERN, *Novēm Wealth, Dallas, TX*

May 2025 – Aug 2025

- Developed comprehensive stock reports incorporating analytics, market sentiment, and portfolio strategy
- Introduced advanced data visualization and AI-Generated applications to streamline workflows
- Created interactive applications utilizing generative AI, enhancing overall client experience
- Presented to large audiences at outreach events engaging high-net-worth clients

TECHNICAL ASSISTANT, *BXmedia.io, Dallas, TX*

Feb 2023 – Dec 2023

- Developed 500+ unique digital assets to promote clients in the real estate industry
- Supported live video shoots and post-production editing for media to enhance client advertising efforts

CUSTOM PC BUILD AND TECH SUPPORT, *BXmedia.io, Dallas, TX*

May - June 2023

- Built \$7K custom PC for high-end multimedia design; Sourced all parts, built and configured machine
- Reduced video rendering time by 80%, significantly boosting overall business efficiency

LEADERSHIP AND INVOLVEMENT

PRESIDENT OF COMPETITIVE ROBOTICS ORGANIZATION, *Virginia Tech*

Sep 2024 - Present

- Lead 120+ member organization with 12 teams
- Maintain and strengthen relationships with university departments, corporate sponsors, and community partners to secure funding of ~\$100,000
- Oversee budgeting, procurement, strategic planning, and board engagement
- Built and optimized aerial and terrestrial robots; experience in Bell AVR, VEX, and VEX U events

NATIONAL STUDENT LEADERSHIP COUNCIL, *Johns Hopkins University, Baltimore, MD*

July 2023

- Intensive program on engineering disciplines covering programming, CAD, robotics, industrial design, leadership, communication, public speaking, and teamwork
- Led submersible robot and remote-control car design projects

PROFESSIONAL STRENGTHS

- Capabilities: Finance and investment portfolio management, public speaking, digital editing
- Programming with BlueJ Java, R and MATLAB, Fusion 360 certified, Microsoft Excel certified, CAD, Adobe