

William Y. 'Buckley' Wiley II

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EDUCATION

The Westminster Schools, Atlanta, Georgia, Class of 2025

2018-Present, Senior

- **Honors and Clubs:** National Honor Society (12th), WCAT (Lead), StudioW (Lead), Westminster Christian Life (Lead), Robotics Team, Varsity Baseball Announcer, Track, Pickleball Club, Model United Nations, Young Conservatives (Lead).

WORK

Georgia Institute of Technology, Atlanta, Georgia

Avionics Team Intern, Georgia Tech Experimental Rocketry (GTXR)

5 hours per week, 36 weeks per year (2023-2024)

- Solved complex technical challenges assigned by the Internship Leader, applying engineering principles to real-world aerospace problems.
- Designed, crafted, and implemented a high-precision antenna tracker capable of maintaining alignment with rocket coordinates up to a range of 150,000 feet, ensuring accurate data transmission during flight tests.

Kollegewidgwok Sailing Education Association, Blue Hill, Maine

Certified Sailing Instructor

25 hours per week, 8-9 weeks per year (summers 2021-2024)

- Taught, inspired, and mentored sailing students aged 5-75 on Optimists, 420s, and Bullseyes.
- Red Cross CPR Certified first aid.
- US Sailing: Small boat level 1 certification.

Cary Cloud Home IT Service, Atlanta, Georgia

Computer Repair Technician

4 hours per week, 6 weeks per year

- Repair 3D printers and teach others to use them.
- Data recovery and destruction.
- Repair iPhones and laptops.
- Provide technical support and troubleshooting services to homeowners and businesses.

ACHIEVEMENTS & INVOLVEMENT

WCAT, Westminster's Emmy award-winning, student-led broadcast team

Co-President (12th), *Lead Editor* (10th-11th), *Middle School Lead* (8th)

16 hours per week, 30 weeks per year

- Seven years of active student leadership, creating programs that attract thousands of viewers.
- Produce and deliver coverage of campus events, both sports and non-sports, throughout the school year. Coordinate setup and technical operations for football broadcasts, lead a 20+ person team, and facilitate seamless productions.
- Leadership: recruiting and training the next generation of broadcasters.
- Attended New York High School Film Festival, 9th-10th.
- Planned Atlanta High School Film Festival, 9th-12th.
- Senior year: I captured over 7 million views in one week for my drone footage of Hurricane Helene flooding at area high schools the morning of the [storm](#). ESPN, Fox 5, and other newsgroups requested and used my footage.

WiredCats Robotics Team

Fabrication Leader (11th-12th)

6 hours per week, 10 weeks per year

- Lead the fabrication team, operating lathe and CNC machines to craft precise, high-quality components to meet competition standards.
- Mentor team members in manufacturing techniques, ensuring efficient workflows with a strong focus on safety and quality.
- Contribute to the team's success in district finals through problem-solving, innovation, and a commitment to excellence in robotics, earning a "FIRST Robotics" medal.

Westminster Bible Study Group

Leader (10th-12th)

1 hour per week, 40 weeks per year

- After participating in Tuesday morning Bible Studies throughout Middle School, I became a High School Bible Study Leader. I organize weekly sessions with middle school boys before school to promote fellowship, foster community, and encourage spiritual growth.

Westminster Christian Life Group

Leadership Team (12th), *Active Member* (9th-12th)

2 hours per week, 40 weeks per year

- Lead Friday Morning Fellowship, overseeing logistics, coordinating guest speakers, and fostering a welcoming environment for meaningful weekly gatherings.
- Plan and organize once-a-semester retreats attended by over 100 participants, providing opportunities to connect with Christ through worship, fellowship, and reflection.

Model United Nations

Member (11th-12th)

- Leadership team member for the Atlanta CATMUN (Model UN Conference for Atlanta High Schools).
- Engaged in global issue discussions, crafted resolutions, building public speaking and negotiation skills.
- Represented Westminster as a delegate at prestigious conferences, including the National High School Model United Nations (NHSMUN) in New York and the National Model United Nations (NMUN) in Chicago.

ATHLETICS

Sailing, Kollegewidgwock Sailing Education Association

Race Team Member (8th-12th), Individual Laser Racing (11th-12th)

28 hours per week, 8 weeks per year

- KSEA Summer Series 2nd place finish, behind the state championship winner (2023). Numerous other top race placements, including first place in True Blue Regatta/Juniors/Radial.
- Competed in multiple New England regattas in Lasers and 420s, consistently achieving strong finishes, including Maine State Championships (2021-2024).
- Gained extensive experience in competitive sailing, mastering strategy, teamwork, and adaptability in diverse racing conditions.

Varsity Baseball

Announcer, Student Manager (8th-11th) (Lettered)

12 hours per week, 8 weeks per year

- Collaborated with coaches to gather and communicate team information effectively.
- Announced games, enhancing the game-day atmosphere with engaging commentary, music, and crowd hype.

Track team, Westminster Schools

Pole Vaulter (6th-12th)

13 hours per week, 12 weeks per year

HOBBIES

Innovator and Maker

- Create various gadgets and devices at home, including launch and flight computers, gliders, thrust vectoring mechanisms, and liquid-fueled rocket engines.

- Skills: PCB design, CAD and CAM, Onshape and Fusion360, welding, manual lathe and mill, laser cutting, and 3D printing.
- Maintain a Professional Pyrotechnic Certification.
- After advancing as a finalist to compete in the National Invention Convention in Dearborn, Michigan, in 5th grade, I built a home workshop to invent and fabricate. Seven years later, I'm still at it, creating and inventing.

Owen Creek Farm, Heflin, Alabama

Land Management (2019 to present)

- Conduct wildlife population surveys, cultivate crops, implement and maintain erosion control measures, and support sustainable farming practices.

Northside Methodist Church, Atlanta, Georgia

Youth Program (6th-12th)

Congregation Member

YoungLife, Atlanta, Georgia

Westminster-Lovett Young Life Chapter (9th-12th)

Weekly participant and frequent host in Monday night club meetings, as well as additional activities.

Certifications

- HAM radio technician license
- US Sailing Certified Sailing Instructor
- Red Cross CPR First Aid Certified