

Ryan Smith
Frederick, MD | 240-457-0407 | rsmith45@terpmail.umd.edu

PROFILE

Detail-oriented and hands-on turfgrass professional with experience in sports facilities, golf course operations, and autonomous mower implementation.

Experience maintaining NFL, NCAA, and golf course turf to the highest standards. Passionate about applying turf science to produce high-quality surfaces for athletes, golfers, and residential properties.

WORK EXPERIENCE

Kress Robotic Mowers Intern

Kress – Annapolis, MD

June 2026 - August 2026

Currently completing an internship that assists with robotic mower trials, supports robotic mower installations, track performance metrics, and on-site product demos for turf managers. The goal of the program is to understand the dynamics of unmanned turf care, how robotic mowing improves turf health, financial management, and environmental stewardship.

Stadium Grounds

Baltimore Ravens – Baltimore, MD

July 2025 – Present

Assist in maintaining the natural grass NFL football field by mowing, irrigating, aerating, sweeping, top-dressing, edging, and fertilizing. Groom and clean artificial turf sidelines. Assist with field painting, set-up and operation of grow lights, and placement and removal of grow blankets and rain tarps. Support game-day set-up, breakdown, and in-game duties, as well as post-game field repair. Contribute to snow removal, equipment cleaning, shop organization, and field set-up and breakdown for non-football events. Tahoma 31 Bermudagrass field.

Turfgrass Management Intern

Wexford – Hilton Head Island, SC

April 2024 – October 2024

Gained practical, hands-on experience in golf course maintenance and agronomic planning. Performed irrigation repair and maintenance on a Rain Bird system. Managed water usage and executed fertilizer and chemical calibration and applications, including fertilizing greens and fairways and spraying pesticides. Performed cultural practices such as aerating, verticutting, topdressing, and sod installation. Zorro Zoysia, Champion Bermuda, and Celebration Bermuda.

Assistant Sports Field Technician

Stevenson University – Ijamsville, MD

August 2023 – April 2024

Maintained athletic fields through mowing, sweeping, fertilization, seeding, sod replacement, irrigation, and spraying. Performed specialized work on baseball, softball, and soccer fields, including striping, dragging, leveling, sod installation, turf repair, seeding, and topdressing. Prepared fields and stadiums for intercollegiate athletics and special events. Maintained and programmed irrigation systems and scheduled off-season projects to ensure optimal conditions.

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EDUCATION

University of Maryland – Institute of Applied Agriculture
Turfgrass Management
January 2025 – Fall 2026

Frederick Community College
General Education
August 2017 – May 2019

CERTIFICATIONS

Private Pesticide Applicator License – Maryland Department of Agriculture
Forklift Certification – Maryland Stadium Authority
CPR/AED Certification

AWARDS/HONORS

Dean's List Spring 2025 - University of Maryland Institute of Applied Agriculture
Spring 2026 Strickland Scholarship Recipient
2026 SFMA Student Challenge Team Captain
2026 GCSAA Turf Bowl Team Captain