

Raylen Williams

Seeking: Intern Summer 2026

Motivated junior Computer Science major (graduating December 2027) with a minor in Agriculture, passionate about applying software engineering and AI/ML to solve real-world problems at scale and uplift marginalized communities. Experienced in Python and Java, research assistance in AI/ML applications, and leadership through AFROTC, NSBE, and IEEE. Eager to contribute to production-grade AI systems that power search, personalization, and optimization for a global retailer.

Portfolio: <https://raylenproject.endvotech.com/>

Linkedin: www.linkedin.com/in/raylen-williams

Github: github.com/Raylo27

EDUCATION

Prairie View A & M University | Prairie View, TX

(Intended) B.S. in Computer Science Minor Agriculture | GPA: 3.5/4.0

December 2027

Relevant coursework: Data Structures & Algorithms, Intro to Artificial Intelligence, Machine Learning (“Planned ML/AI coursework”), Discrete Mathematics, Object-Oriented Programming in Java, Python Programming

Professional and Technical Organizations: AFROTC, NSBE, IEEE,

TECHNICAL SKILLS

Programming Languages: Python (Intermediate), Java (Intermediate), HTML (Intermediate)

Technical Tools: Git, JUnit, Figma, Microsoft Office

Core Strengths: Problem solving, debugging, writing clean and readable code, collaborating in technical teams

PROJECTS

Attendance Recovery Database | Personal Project

April 2021

- Identified a gap in graduation and attendance tracking at my high school and designed a web-based tool to help staff track seniors’ attendance and recovery progress.
- Worked with staff users to gather requirements, test the system, and communicate important updates and status information to students.
- Improved clarity and accuracy of graduation tracking by organizing student data and making it easier for staff to retrieve and update records.

PROFESSIONAL EXPERIENCE

Tarrant County College Deans Assistant | Fort Worth, TX

August 2022 - May 2024

- Helped 20+ students and visitors per day with questions, paperwork, and directions in a busy office
- Answered phones and emails professionally and kept records organized, preventing missed deadlines.

Student Research | Prairie View, TX

June 2025 - January 2026

- Contributing to research on integrating artificial intelligence and machine learning in engineering and computer science applications.
- Assisting in developing, testing, and optimizing machine learning models, with a focus on model performance and applicability to real-world engineering problems.
- Collaborating with faculty and student researchers to analyze results, debug issues, and document findings.

LEADERSHIP & INVOLVEMENT

Air Force ROTC (AFROTC) | August 2024 – Present

- Develops leadership, discipline, time management, and accountability through training, physical fitness, and team-based activities.
- Collaborates with peers to complete missions and exercises, reinforcing clear communication and attention to detail.

National Society of Black Engineers (NSBE) | August 2024 – Present

- Participates in technical workshops, career development events, and networking opportunities with engineers and technology professionals.
- Supports NSBE's mission to increase the number of culturally responsible Black engineers who excel academically and positively impact the community.

IEEE Student Member | August 2024 – Present

- Engages with engineering and computing topics through technical talks, competitions, and peer collaboration.

Community & Service and Interest

- Volunteers in local service events and campus initiatives focused on uplifting marginalized communities.
- AgriTech innovator merging Computer Science (Python, SQL, algorithms) with Agriculture minor for sustainable food systems. From Fort Worth 76104 (Texas's lowest life expectancy area with food deserts), hosted food drives serving 150+ families and improved household nutrition with homegrown produce. AFROTC leadership (Flight Deputy, developed Command Hub app) fuels passion to scale food security solutions through technology.

AWARDS

August 2022 - Present

Meritage Holmes Scholar Scholarship, Deans List, Honor Roll