

Aleksandar Henderson

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SUMMARY

Dedicated environmental science student with hands-on experience in watershed management and sustainability initiatives through academic projects. Proficient in data analysis, technical writing, and environmental compliance. Strong analytical and design skills developed through coursework and collaborative projects, keen to contribute to sustainable environmental practices.

EDUCATION

Bachelor of Science in Environmental Science
North Carolina State University GPA: 3.7
Coursework: Watershed Management, Sustainability Initiatives, Environmental Compliance, Data Analysis

2026
Raleigh, NC

TECHNICAL SKILLS

- **Data Analysis Tools:** Excel, R, Python
- **Technical Writing Software:** LaTeX, Microsoft Word, Google Docs
- **GIS Software:** ArcGIS, QGIS, Carto
- **Statistical Modeling:** SPSS, SAS, MATLAB
- **Project Management Tools:** Trello, Asana, JIRA
- **Stormwater Quality Monitoring:** Hach, YSI, Hobo
- **Environmental Regulation Standards:** EPA Guidelines, NPDES, TMDL
- **Field Sampling Equipment:** Autosamplers, Water Quality Sensors, GoPro
- **Presentation Tools:** PowerPoint, Prezi, Canva
- **Research Methodologies:** Qualitative Analysis, Comparative Studies, Longitudinal Research

SKILLS

- Data Analysis
 - Technical Writing
- Environmental Compliance
 - Watershed Management
- Stormwater Analysis
 - Sustainability Initiatives

EXPERIENCE

Environmental Science Intern
University Project

January 2026 - Present
Raleigh, NC

Engaged in a watershed assessment project focused on water quality while collaborating effectively within a team setting.

- Collaborated on a watershed assessment project analyzing local water quality data, resulting in actionable insights for community stakeholders.
- Conducted fieldwork to collect stormwater samples, ensuring compliance with state regulations and contributing to the assessment of local BMPs.
- Assisted in preparing technical reports and presentations, enhancing communication of findings to diverse audiences.
- Developed a sustainability initiative proposal for local businesses, focusing on reducing stormwater runoff and promoting best management practices.
- Utilized software tools for data analysis, improving the accuracy of environmental assessments.
- Engaged in peer review of reports, fostering collaboration and critical feedback within the project team.

Research Assistant
University Research Lab

September 2025 - December 2025
Raleigh, NC

Supported research on stormwater management techniques while contributing to significant local study undertakings.

- Supported research on stormwater management techniques, contributing to a project that analyzed effectiveness of various BMPs.
- Assisted in preparation of scientific documents detailing stormwater impact assessments, enhancing understanding of local environmental issues.
- Conducted literature reviews to compare research findings with local, state, and federal regulations, ensuring compliance.
- Participated in team meetings to discuss project progress and strategized on methods to overcome research challenges.
- Documented research methodologies and results, contributing to the lab's publication efforts.
- Engaged in community outreach to present research findings, promoting awareness of water quality issues.

Sustainability Project Developer
Capstone Project

January 2025 - May 2025
Raleigh, NC

- Led capstone project that targeted sustainability practices in urban environments and major development strategies.
- Led a capstone project focused on incorporating sustainability practices within urban development, resulting in a comprehensive report for local government review.
 - Collaborated with a team to design an innovative plan for improving urban water management systems, emphasizing green infrastructure.
 - Conducted cost-benefit analyses for proposed sustainability initiatives, ensuring feasibility and community impact.
 - Prepared and presented findings to faculty and industry professionals, receiving positive feedback for clarity and depth of analysis.
 - Developed visual aids and graphic reports to effectively communicate project outcomes to non-technical stakeholders.
 - Engaged local stakeholders to gather input and ensure community alignment with project objectives.

LEADERSHIP & AWARDS

- Dean's List, North Carolina State University (2025)
- First Place, University Environmental Hackathon (2024)

CERTIFICATIONS

- Intro to Environmental Science 📅 2025
- Water Quality Management Fundamentals 📅 2025

PROFESSIONAL AFFILIATIONS

- President, Environmental Science Club, North Carolina State University (2025)
- Member, Student Sustainability Committee, North Carolina State University (2024)

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST