



Aleksandar Henderson

Entry-Level Environmental Scientist

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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 📅 2026 📍 Raleigh, NC

Coursework: *Watershed Management, Sustainability Initiatives, Environmental Compliance, Data Analysis*

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

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.

STRENGTHS



Analytical Skills

Transformed challenging environmental data sets into clear reports, making complex information accessible for all stakeholders.



Adaptable Communication

Tailored messages across diverse audiences during presentations, ensuring optimal engagement and understanding from peers and faculty.



Team Collaboration

Cultivated strong partnerships with classmates for project success, leading efforts that showcase our combined strengths and creativity.



Innovative Thinking

Proposed distinct solutions for stormwater issues, illustrating forward-thinking and creative problem-solving in action.



Community Leadership

Spearheaded initiatives on campus to promote sustainability awareness, underscoring commitment to environmental stewardship.

SKILLS

Data Analysis Technical Writing

Environmental Compliance

Watershed Management

Stormwater Analysis

Sustainability Initiatives

LANGUAGES



MY CAREER



- Environmental Science Intern at University Project (7 Months)
- Research Assistant at University Research Lab (3 Months)
- Sustainability Project Developer at Capstone Project (4 Months)

- 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)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST