

Luciana Bowers

Water Resources Intern

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STRENGTHS

-  **Collaboration**
Actively brought together diverse team perspectives, creating an inclusive environment that fostered success.
-  **Adaptability**
Embraced change with enthusiasm, turning challenges into opportunities during engineering projects.
-  **Technical Writing**
Produced clear technical documents, ensuring concepts were easily understood by stakeholders without technical backgrounds.
-  **Field Research**
Gained essential skills collecting real-world data, reinforcing theoretical knowledge through practical application.
-  **Critical Thinking**
Assessed engineering problems thoughtfully, employing problem-solving techniques to develop solutions effectively.

SKILLS

<u>Microsoft Office Suite</u>	
<u>Environmental Analysis</u>	
<u>Project Management</u>	
<u>Data Analysis</u>	
<u>Technical Communication</u>	

LANGUAGES

English	Native
Spanish	Proficient

SUMMARY

Civil Engineering student with hands-on experience through projects and internships. Committed to solving infrastructure challenges through collaboration and innovation. Proficient in Microsoft Office, demonstrating strong communication, problem-solving skills, and a keen ability to learn quickly and adapt. Experience includes developing sustainable water management systems and engaging in research on local water development impacts. Eager to apply these skills within a driven team at Civic Engineering Services, fostering the same growth and development approached in academic settings.

EDUCATION

Bachelor's Degree in Civil Engineering

University of Springfield  GPA: 3.8  2026  Springfield, IL

Coursework: Fluid Mechanics, Environmental Engineering, Structural Analysis, Project Management

TECHNICAL SKILLS

- Project Management Tools:** Microsoft Office, Trello, Asana
- Data Analysis Tools:** Excel, MATLAB, R
- Research Methodologies:** Statistical Analysis, Data Collection, Model Development
- Communication Tools:** Email, Microsoft Teams, Slack
- Engineering Software:** AutoCAD, Civil 3D, GIS
- Environmental Standards:** NEPA Compliance, EPA Guidelines, ISO 14001
- Presentation Skills:** PowerPoint, Visual Aids, Symposium Engagement
- Problem-Solving Techniques:** Root Cause Analysis, Solutions Oriented Approach, Critical Thinking
- Team Collaboration:** Brainstorming Sessions, Feedback Processes, Peer Reviews
- Engineering Analysis:** Site Assessments, Environmental Impact Studies, Water Quality Testing

EXPERIENCE

Water Resources Project Developer

University Project  January 2026 - Present  Springfield, IL

- Oversaw a project focused on designing a sustainable water management system. This involved collaboration among teams to ensure effective implementation and adherence to regulatory standards. Engaged directly with stakeholders to assess needs and provide solutions.
- Led a team in designing a sustainable water management system for a local community, focusing on efficient resource allocation.
 - Conducted extensive research and analysis to assess environmental impacts and compliance with local regulations.
 - Utilized Microsoft Office tools to create presentations and reports, effectively communicating project findings to stakeholders.
 - Collaborated with peers to implement innovative solutions and share best practices in project management.
 - Engaged in fieldwork to collect data on existing water resources, enhancing technical skills and practical knowledge.
 - Presented project results at a university symposium, receiving positive feedback for clarity and technical detail.

Environmental Engineering Research Assistant

University Project  September 2025 - December 2025  Springfield, IL

Contributed to academic research analyzing urban development's effects on water resources. Streamlined research processes while gathering pivotal insights that informed broader studies.

MY CAREER



- Water Resources Project Developer at University Project (7 Months)
- Environmental Engineering Research Assistant at University Project (3 Months)

- Assisted in research focused on the effects of urban development on local water resources, contributing to the overall project framework.
- Analyzed data sets using statistical software, enhancing understanding of environmental modeling techniques.
- Developed technical documentation outlining research methodologies and findings for academic publication.
- Participated in team meetings to discuss project progress, challenges, and strategies for improvement.
- Engaged with community members to gather insights and feedback on research outcomes, fostering community relations.
- Supported the preparation of grant applications by compiling relevant data and research summaries.

LEADERSHIP & AWARDS

- Dean's List, University of Springfield, 2025
- First Place, University Engineering Competition, 2025

CERTIFICATIONS

- Microsoft Office Specialist Certification 📅 2026
- Fundamentals of Engineering Exam Preparation Course 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society, University of Springfield
- Volunteer, Local Environmental Clean-Up Initiative

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST