

Luciana Bowers

Water Resources Intern

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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

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

Microsoft Office Suite

Environmental Analysis

Project Management

Data Analysis

Technical Communication

LANGUAGES



MY CAREER



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

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