

# 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

Microsoft Office Suite

Environmental Analysis

Project Management

Data Analysis

Technical Communication

### 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

MY CAREER



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

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.
- 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