# Prince Walter

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## SUMMARY

Current Civil Engineering student with a focus on Environmental Engineering, bringing hands-on experience from academic projects and research. Engaged in complex problem-solving while supporting environmental remediation efforts. Enables effective communication through strong written and verbal skills, enriched by an ability to use Microsoft Office, AutoCAD, and GIS tools proficiently. Eager to make meaningful contributions to sustainable engineering solutions as part of a dynamic team in a valuable internship environment.

## EDUCATION

**Bachelor's Degree in Civil Engineering** 2026

University of Wisconsin-Madison GPA: 3.5 *Madison, WI*

***Coursework:*** *Fluid Mechanics, Environmental Engineering, Soil Mechanics, Water Resources Management*

## TECHNICAL SKILLS

- **Software Tools:** AutoCAD, GIS, Microsoft Office
- **Design Tools:** Simulation Software, Design Reports, Construction Documents
- **Research Methodologies:** Field Investigations, Laboratory Experiments, Data Analysis
- **Project Management:** Task Coordination, Scheduling, Cost Estimation
- **Quality Control Standards:** Quality Assurance, Compliance Reviews, Process Design Drawings
- **Engineering Principles:** Systems Design, Hydraulic Evaluation, Air Emissions Characterization
- **Communication Platforms:** Presentations, Report Writing, Community Engagement
- **Environmental Regulations:** Health and Safety Plans, Regulatory Compliance, Environmental Guidelines
- **Technical Communication:** Documenting Findings, Research Papers, Project Reports
- **Team Collaboration:** Peer Interaction, Meetings, Stakeholder Feedback

## SKILLS

- Microsoft Office
- AutoCAD
- GIS
- Environmental Compliance
- Data Analysis
- Report Writing
- Project Management
- Field Investigation
- Quality Assurance
- Regulatory Review
- Air Quality Assessment
- Design Calculations
- Cost Estimation
- Construction Safety
- Community Engagement

## EXPERIENCE

### Environmental Engineering Intern

January 2026 - Present

University Project *Madison, WI*

Contributed to environmental assessments and designs in multiple site investigations, ensuring alignment with regulations and quality standards.

- Conducted field investigations on soil and water quality across various sites, securing compliance with local and federal environmental guidelines.
- Collaborated effectively with colleagues in developing design reports for remediation systems, impacting project delivery positively.
- Assisted in data compilation and interpretation, engaging in thorough quality assurance reviews before final submission.
- Supported air emissions characterization and permitting processes through vital analytical evaluations.
- Prepared comprehensive health and safety plans, adhering closely to industry regulations and best practices for project safety.
- Participated in project strategy development, coordinating cost estimates and scheduling that increased operational efficiency.

### Research Assistant

September 2025 - December 2025

Academic Research *Madison, WI*

Engaged in research focused on emerging technologies in water treatment, producing analyses that advance sustainability goals.

- Assisted researchers in innovative studies on water treatment technologies, critically analyzing performance metrics to gauge effectiveness.
- Participated actively in laboratory experiments, documenting detailed findings necessary for publication in scholarly articles.
- Conveyed project progress through collaborative meetings that enhanced methodologies and refined overall research direction.
- Developed compelling presentations articulating research results to both faculty and fellow students, showcasing superior verbal communication skills.
- Utilized AutoCAD to produce design sketches for prototype water treatment systems, integrating feedback for improvement.
- Conducted regulatory file reviews, contributing significant insights essential for maintaining compliance with environmental regulations.

**Capstone Project Developer** January 2025 - May 2025

Course Project *Madison, WI*

Designed solutions addressing urban stormwater management, exemplifying sustainable engineering principles and teamwork.

- Developed a comprehensive project tackling urban stormwater challenges, emphasizing sustainable and innovative solutions.
- Performed hydraulic evaluations determining system effectiveness, employing simulation software to predict outcomes accurately.
- Collaborated with peers for data compilation and review, culminating in a detailed report that highlighted project significance.
- Engaged effectively with community members, gathering crucial insights which helped enhance the project's relevance.
- Created process design documentation using AutoCAD, focusing on clarity and technical precision for professional standards.
- Presented innovative solutions at a university symposium, gaining recognition for thoughtful approaches to environmental issues.

## LEADERSHIP & AWARDS

- Dean's List, University of Wisconsin-Madison (2024, 2025)
- Recipient of the Environmental Engineering Scholarship (2025)

## CERTIFICATIONS

- Microsoft Office Specialist 2025
- AutoCAD Certified User 2025

## PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society, University of Wisconsin-Madison
- Volunteer, Madison River Clean-Up Initiative

## LANGUAGES

- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST