

Weston Guerra

Staff Geologist

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 Brooklyn, NY 11220

STRENGTHS

-  **Attention to Detail**
Careful in monitoring field conditions and sample integrity, ensuring no details go unnoticed.
-  **Strong Work Ethic**
Demonstrated dedication in the field, conducting thorough sample collections consistently.
-  **Effective Presenter**
Successfully communicated complex findings clearly during departmental discussions to diverse audiences.
-  **Team Player**
Collaborated effectively with project teams, promoting mutual respect and productive partnerships.
-  **Innovative Problem Solver**
Identified practical solutions during field challenges, demonstrating an adaptable problem-solving mindset.

SKILLS

- Field Sampling
- Data Analysis
- Technical Reporting
- GIS
- Team Collaboration
- Environmental Regulations
- Equipment Calibration
- Groundwater Monitoring
- Soil Boring
- Community Engagement
- Project Management
- Research Methodologies
- Safety Protocols
- Standards Compliance
- Stakeholder Communication
- Innovation Planning

SUMMARY

Dedicated environmental science graduate with hands-on experience in field sampling and data analysis. Proven ability to assist in investigation and remediation projects through academic research and practical work. Analytical skills are enhanced by a positive attitude and commitment to stewardship. Eager to leverage academic knowledge and fieldwork experience in a Staff Geologist position at Roux Environmental Solutions. Role involves assisting project teams in various field activities—sampling, monitoring, and data reporting—in diverse environments. A strong focus on safety compliance, accuracy, and technology utilization ensures high-quality outcomes in challenging settings.

EDUCATION

Bachelor of Science in Environmental Science

Brooklyn University  GPA: 3.5  2026  Brooklyn, NY

Coursework: Environmental Chemistry, Soil Analysis, Ecological Modeling, Hazardous Waste Management

TECHNICAL SKILLS

- **Sampling Techniques:** Soil Sampling, Water Sampling, Indoor Air Quality Testing
- **Monitoring Equipment:** Field Meter, Water Sampler, Air Quality Analyzer
- **Report Preparation:** Data Tables, Soil Boring Logs, Technical Reports
- **Data Analysis Tools:** GIS Software, Excel, Statistical Tools
- **Field Safety Practices:** OSHA Guidelines, HAZWOPER Standards, First Aid Procedures
- **Environmental Standards:** EPA Regulations, State Guidelines, Industry Best Practices
- **Collaboration Platforms:** Google Workspace, Microsoft Teams, Project Management Tools
- **Presentations Tools:** PowerPoint, Poster Presentations, Report Writing Software
- **Stakeholder Engagement:** Public Outreach, Community Feedback, Data Validation
- **Technical Skills:** Sampling Methods, Data Compilation, Field Surveys

EXPERIENCE

- Environmental Research Assistant**
- University Research Lab  September 2024 - Present  Brooklyn, NY
- Supports project team efforts related to environmental assessments and remediations, focusing on data collection and technical reporting. Involves direct participation in various field activities including soil and water sampling.
- Conducted soil and water sampling in varied conditions for accurate and robust data collection.
 - Calibrated and maintained environmental monitoring equipment, ensuring reliability in the acquired data.
 - Assisted in compiling data tables and generating soil boring logs for comprehensive reports.
 - Collaborated with faculty on groundwater sample analyses for environmental assessments and insights.
 - Participated in field training sessions ensuring adherence to safety protocols during site operations.
 - Presented findings effectively during departmental meetings, garnering recognition for excellence in clarity.
- Capstone Project Developer**
- Academic Research  January 2024 - May 2024  Brooklyn, NY
- Designed an urban impact study focusing on local groundwater safety aligned with community involvement principles. Engaged stakeholders early on to ensure relevance and applicability of results.
- Executed a comprehensive capstone project assessing urban development impacts on groundwater quality.

LANGUAGES

English	Native
Spanish	Proficient

MY CAREER



- Environmental Research Assistant at University Research Lab (1.9 Years)
- Capstone Project Developer at Academic Research (4 Months)

- Utilized GIS tools for mapping, enhancing spatial data analysis associated with environmental changes.
- Engaged local stakeholders, reinforcing project relevance while gathering insights and validation.
- Formulated a detailed project report with methodologies, findings, and actionable recommendations.
- Showcased research at the university conference, emphasizing innovative solutions for sustainable urban development.
- Led a peer teamwork initiative, showcasing effective project management and communication skills.

LEADERSHIP & AWARDS

- Dean's List (2023, 2024)
- Recipient of the Environmental Science Department Scholarship (2025)

CERTIFICATIONS

- OSHA 40-Hour HAZWOPER Certification 📅 2025
- First Aid and CPR Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Member of the Environmental Science Club, involved in educational outreach projects.
- Volunteer at environmental clean-up events fostering sustainable practices in Brooklyn.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST