



Weston Guerra

Staff Geologist

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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.

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

- Executed a comprehensive capstone project assessing urban development impacts on groundwater quality.
- 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.

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)

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