

Paris Davenport

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SUMMARY

Dedicated Geophysicist driven by a commitment to excellence in conducting geophysical surveys and data analysis. Two years of hands-on experience supporting infrastructure projects through the application of advanced geophysical technologies, environmental assessment, and resource evaluation. Proven ability to collaborate with multidisciplinary teams, ensuring that safety standards and quality assurance are maintained throughout fieldwork operations. Proficient in designing survey methodologies and interpreting geophysical data to inform project planning, design, and execution. Eager to contribute expertise in subsurface exploration to innovative projects while continuously developing professional skills.

EXPERIENCE

Junior Geophysicist June 2025 - Present
Geophysical Solutions Corp. *Dover, DE*

As a Junior Geophysicist, responsible for executing geophysical surveys with a focus on infrastructure support and environmental assessments. Engage in diverse projects, collaborating directly with stakeholders to drive each initiative forward.

- Conduct comprehensive geophysical surveys utilizing state-of-the-art technologies, impacting geological investigations significantly.
- Design and implement effective survey methodologies, ensuring alignment with project objectives while prioritizing safety.
- Perform geophysical logging in boreholes to collect critical subsurface data, enhancing geological model accuracy.
- Collaborate across disciplines to integrate geophysical data into essential planning for roads and water supply systems.
- Contribute interpretations of geophysical results, aiding in producing comprehensive reports and presentations for stakeholders.
- Participate actively in pre-task planning sessions, reinforcing adherence to safety protocols on-site.

Geophysical Intern May 2024 - May 2025
Earth Science Institute *Wilmington, DE*

Supported senior team members in field surveys, focusing on geological conditions and environmental implications of various projects. Gained valuable insights into geophysical techniques and teamwork dynamics during this pivotal learning phase.

- Assisted senior geophysicists in executing field surveys, contributing to actionable insights for environmental assessments.
- Aided in compiling detailed technical reports reflecting survey outcomes and guiding project recommendations.
- Conducted site visits to document geological conditions thoroughly, enhancing overall operational understanding.
- Developed proficiency in geophysical data analysis software, enriching capabilities in interpreting complex findings.
- Ensured compliance with safety regulations, promoting a secure work environment.
- Engaged in extensive training on advanced geophysical techniques and equipment usage.

LEADERSHIP & AWARDS

- Dean's List, University of Delaware, 2024-2026
- First Place, University Geology Competition, 2025

EDUCATION

Bachelor of Science in Geophysics 2026
University of Delaware GPA: 3.8 *Newark, DE*
Coursework: Physics, Mineralogy, Environmental Geology, Structural Geology

CERTIFICATIONS

- Geophysical Certification 📅 2026

TECHNICAL SKILLS

- **Geophysical Tools:** GPR, Resistivity, Magnetometry
- **Data Analysis Software:** MATLAB, GIS, Seismic Processing
- **Survey Equipment:** EMI, Drone Technology, Borehole Cameras
- **Quality Assurance Practices:** Field Testing Protocols, Data Validation Techniques, Compliance Standards
- **Safety Standards:** OSHA Compliance, Risk Assessment Procedures, Safety Audit Techniques

- **Technical Documentation:** Report Generation Tools, Technical Writing Guidelines, Presentation Skills
- **Project Management Applications:** Trello, Asana, JIRA
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Collaboration Platforms:** SharePoint, Google Workspace, Miro
- **Statistical Analysis Tools:** R, Python, SPSS

SKILLS

- Geophysical Surveying
- Data Analysis
- Environmental Assessment
- Safety Compliance
- Technical Reporting
- Geophysical Logging
- Team Collaboration
- Field Data Collection
- Survey Design
- Client Communication
- Project Management
- Report Writing
- Site Investigation
- Borehole Logging
- Quality Control
- Risk Management

PROFESSIONAL AFFILIATIONS

- Member, Geophysics Club, University of Delaware
- Volunteer, Environmental Restoration Project, Newark, DE

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST