

Vera Hansen

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SUMMARY

Talented geophysics professional with two years of experience in data analysis and field investigations. Specialized in deploying geophysical techniques like seismic, GPR, and magnetics to support big projects. Active contributor on multidisciplinary teams that enhance geophysical surveys and safety practices. Committed to documenting results meticulously and comply with industry regulations. Passion for continuous learning drives effective engagement during field campaigns. Proven ability to maintain organized records and ensure equipment integrity, facilitating smooth project delivery while thriving in diverse environments.

EXPERIENCE

Geophysics Intern June 2025 – August 2026
University Research Lab Corvallis, OR

Key contributor in a research lab focused on advanced geophysical methods to inform environmental assessments. Managed hands-on tasks that required technical expertise and collaboration with experts.

- Assisted in deploying geophysical equipment for various surveys, ensuring operational readiness during critical field projects.
- Contributed to data gathering utilizing seismic and ground penetrating radar methods, enhancing project outcomes.
- Supported senior staff in processing and interpreting geological datasets, growing competency and insight into subsurface conditions.
- Developed detailed reports and visuals illustrating findings, enabling stakeholders to make informed decisions.
- Maintained organized databases featuring calibration logs and activity records, streamlining data management processes.
- Followed essential safety protocols, upholding rigorous standards during outdoor operations.

Junior Geophysicist August 2024 – May 2025
Environmental Solutions Group Salem, OR

Provided support as a Junior Geophysicist in executing comprehensive studies across various environmental projects, ensuring adherence to safety standards.

- Engaged in geophysical investigations through the application of foundational knowledge and practical techniques.
- Facilitated geological diagrams and subsurface evaluations, significantly contributing to meeting project goals.
- Played a crucial role in preparing documentation and conducting data analyses, aligning results with compliance requirements.
- Actively participated in collaborative meetings, discussing ongoing project trajectories and exchanging valuable insights.
- Contributed towards integrating geophysical data with established geological datasets, optimizing overall effectiveness.
- Helped manage inventory efficiently, ensuring availability of necessary geophysical supplies throughout active projects.

LEADERSHIP & AWARDS

- Received 'Top Intern' recognition for exceptional contributions to geophysical research at University.
- Awarded first place in an undergraduate geophysics competition for innovative project design and presentation.

EDUCATION

Bachelor of Science in Geophysics 2025
Oregon State University GPA: 3.6 Corvallis, OR

Coursework: Geophysical Principles, Environmental Data, Seismic Analysis, Geological Mapping

CERTIFICATIONS

- Geophysical Data Processing Certification 📅 2026
- OSHA Safety Training Certification 📅 2025

TECHNICAL SKILLS

- **Software Skills:** ArcGIS, MATLAB, Python
- **Geophysical Survey Methods:** Seismic, Resistivity, Magnetometry, GPR
- **Statistical Analysis Tools:** R, SPSS, Excel
- **Knowledge of Regulations:** EPA Standards, OSHA Guidelines
- **Documentation Tools:** Microsoft Word, PowerPoint, LaTeX

- **Field Equipment:** GPR Units, Seismic Instruments, Magnetometers
- **Project Management Tools:** Asana, Trello, Microsoft Project
- **Data Management Software:** SQL, Access, Tableau
- **Collaboration Platforms:** Slack, Microsoft Teams, Zoom
- **Mapping Software:** ArcMap, QGIS, Google Earth

SKILLS

- Geophysical Data Analysis
- Team Collaboration
- Field Equipment Operation
- Environmental Assessment
- Seismic Survey Techniques
- Safety Compliance
- Data Visualization
- Technical Report Writing
- Ground Penetrating Radar
- Geology Basics
- Regulatory Procedures
- Project Documentation
- Microsoft Office Suite
- Data Management
- Report Development

PROFESSIONAL AFFILIATIONS

- Member of the Society of Exploration Geophysicists (SEG), enhancing professional learning and collaboration.
- Active participant in Oregon State University's Geophysics Club, engaging in networking and outreach activities.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST