

King Brady

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SUMMARY

Dedicated Geophysicist with 6 years in geophysical surveys, excelling in Ground Penetrating Radar and seismic methods. Proficient in data processing and equipment maintenance for high-quality project outcomes. Skills in collaborating with multidisciplinary teams enhance technical reporting and communication with diverse stakeholders. Committed to advancing exploration through innovative practices, ensuring compliance and attention to safety standards during fieldwork. Excited about joining Advanced Survey Technologies LLC, fostering solutions that elevate infrastructure planning and integrity assessment.

EXPERIENCE

Geophysicist January 2022 - Present
Geophysical Solutions Inc. Boulder, CO

- Leading complex geophysical surveys for subsurface investigations has fostered consistent delivery of reliable and actionable insights. Engaging with both engineering and project management teams ensures accurate design methodologies while adhering to strict quality standards.
- Operate sophisticated geophysical technologies, guaranteeing data fidelity through meticulous calibration techniques.
 - Process and translate geophysical data into comprehensive reports and visuals, directly informing client decisions.
 - Forge collaborative relationships within multidisciplinary teams, enhancing joint problem-solving efforts during challenging project phases.
 - Plan outreach for major geological assessments, aligning responsibilities across project specifications.
 - Deliver impactful presentations articulating findings to diverse stakeholder groups, catering to varying levels of expertise.
 - Champion improvements in operational workflows that expedite data acquisition and analysis without compromising accuracy.

Junior Geophysicist June 2018 - December 2021
Earth Insights LLC Colorado Springs, CO

- Hands-on experience supporting various geophysical survey initiatives contributed to developing sustainable practice solutions focused on utility mapping and engineering applications. The role enhanced grasp of industry methodologies while participating in multiple team-led projects.
- Assisted senior geophysicists during field operations, facilitating the setup and deployment of essential surveying tools.
 - Contributed significantly to data interpretation efforts, utilizing prevailing software for visualization tasks.
 - Helped draft streamlined technical documentation outlining crucial project methodologies and results.
 - Participated in health and safety training sessions, applying principles to safeguard team welfare during field activities.
 - Engaged on various collaborative assessments, addressing unique geodynamic challenges posed by specific survey sites.
 - Continually refined skills related to emerging geophysical technology trends, remaining current on marketplace innovations.

LEADERSHIP & AWARDS

- Certified Geophysicist – National Society of Professional Engineers, 2025
- Excellence in Collaboration Award – Geophysical Solutions Inc., 2023

EDUCATION

Master of Science in Geophysics 2026
University of Colorado Boulder GPA: 3.8 Boulder, CO
Coursework: Geophysical Data Processing, Environmental Geophysics, Engineering Geology, CAD Applications

CERTIFICATIONS

- Certified Geophysicist 📅 2025
- OSHA Safety Certification 📅 2024

TECHNICAL SKILLS

- **Geophysical Tools:** Ground Penetrating Radar, Seismographs, Electrical Resistivity Meters
- **Data Processing Software:** MATLAB, ArcGIS, SURFER
- **Technical Documentation:** AutoCAD, Adobe Illustrator, MS Office Suite
- **Surveying Equipment:** GPR Systems, Drone Technology, GPS Mapping Devices
- **Project Management Tools:** Microsoft Project, Trello, Asana
- **Data Visualization Tools:** Tableau, GIS Visualizers, QGIS
- **Environmental Monitoring:** Flir Thermal Cameras, Soil Resistance Meters, Air Quality Sensors

- **Communication Platforms:** Slack, Zoom, Microsoft Teams
- **Field Equipment Calibration:** Calibration Kits, Inspection Tools, Measurement Devices
- **Regulatory Compliance:** Environmental Standards, Health & Safety Regulations, Data Protection Guidelines

SKILLS

- Ground Penetrating Radar
- Electrical Resistivity
- CAD
- Team Collaboration
- Seismic Methods
- Data Processing
- Technical Reporting
- Problem Solving

PROFESSIONAL AFFILIATIONS

- Member – Society of Exploration Geophysicists, since 2022
- Volunteer – Local STEM Outreach Program, mentoring youth in Earth sciences, 2024

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST