

Alex Key

Consulting Manager + Environmental Scientist + Project Manager + Data Analyst

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Find me on [Linked In](#)

Work Experience

Senior Manager, Global Services (Environment & Sustainability)

Intelix Technologies | Denver, CO | Jul 2014 - Current

As **Consulting Manager** (2019 - Current), leads a team of consultants and project managers to execute software implementations for a variety environmental, health, and safety applications. Works to meet key company metrics such as resource utilization, revenue forecasting/realization, and time-to-value for clients. Serves as a technical resource for sales activities, advises product teams on feature roadmap, and manages a portfolio of 30+ ongoing client accounts. Project portfolio primarily consists of ESG and Environmental Compliance focused engagements.

As **Project Manager** (2017 - 2019), estimated project budgets, allocated consulting resources, developed project plans, and constructed statements of work.

As **Consultant** (2014 - 2017), contributed to software projects for environmental compliance objectives such as greenhouse gas reporting, stormwater inspection, spill prevention control and containment (SPCC), and gas leak detection/repair. Researched regulatory requirements to advise clients while working as the primary on various projects. Project work highly integrated with database technology, including data cleanup, imports, exports, updates, SQL reports, and data collection design.

Research Associate

Institute for Environmental Solutions | Denver, CO | Jun 2013 - Jul 2014

Responsibilities included writing grant requests, leading team meetings, presentation of educational material to large audiences, drafting of internal research reports, graphic design, website maintenance, and development of a public outreach plan.

Lead Research Assistant

University of Colorado | Denver, CO | May 2013 - May 2014

NSF-funded research focused on the hydrologic impacts of wildfires on mountain streams. Lab and field duty responsibilities included bioassessment of benthic macroinvertebrates via statistical methods, deployment of rain gauges, water quality sampling, macroinvertebrate collection, and setup of ground-based LiDAR scanning equipment.

GIS Project Team Member | Org. for Tropical Studies | La Selva, Costa Rica | Sep - Nov 2013

Environmental Educator | Thorne Ecological Institute | Boulder, CO | Aug - Nov 2012

Biological Researcher | Georgia Aquarium | Atlanta, GA | Jan - Jun 2012

Education

Credential of Readiness (CRe) – 2021

Harvard Business School

150-hour certificate program on three fundamental areas of business – financial accounting, economics for managers, and business analytics

Master of Science - Environmental Science

University of Colorado

Concentrations in Water Quality and Geospatial Analysis. Relevant coursework: Environmental Engineering, Geographic Information Systems, Statistics, Human Health Risk Assessment, Biogeochemistry, Paleoclimatology, Aquatic Chemistry, Hydrology

Bachelor of Interdisciplinary Studies - Environmental Science

Georgia State University

Interdisciplinary science degree focused on achieving advanced understanding of chemistry, biology, geology, and physical geography

Technical Skills

- **Business** - Practical understanding of business analytics, microeconomics, and financial accounting principles
- **Project Management** - Extensive experience designing, planning, proposing, and managing projects with multiple contributors
- **Science and Math** - Strong foundation in biology, chemistry, geology, and statistics
- **Geospatial** - Experience with geospatial analysis using geographic information systems and remote sensing methods
- **Writing** - Writing experience with project proposals, technical lab reports, guidance documents, literary research reports, grant requests, and data visualization
- **Technology** - Comfortable using software to solve problems with high interest and willingness to learn new techniques
- **Policy** - Familiarity with state and federal level environmental regulations, specifically those related to water quality and air emissions
- **Communication** - Excellent public speaking and communication skills with experience leading team engagements and speaking to executive audiences
- **Data** - Very experienced using database technology with environmental context
- **Lab Work** - Laboratory experience in organic chemistry, biology, mineralogy, and sedimentary geology

Software Experience

Microsoft Office Suite • Visio • Project • ACTS (Asset & Compliance Tracking System) • Salesforce • ArcGIS • ENVI remote sensing analysis • Oracle Structured Query Language (SQL) • Tableau • eXtensible Markup Language (XML) • EPA ProUCL • EdGCM global climate modeling • HEC-HMS hydrologic modeling system • WordPress • Adobe Photoshop, Lightroom, Premiere Pro

Honors & Activities

- International Geographic Honor Society
- Golden Key International Honor Society
- Mountain Bike Racing
- Photography Hobbyist ([my work](#))