David Howes LLC

Geographic Information Systems Development Services

PO Box 66543
Seattle
WA 98166

Contact: David A. Howes, Ph.D.

Tel: 253-312-3441

Email: david@dhowes.com

Website: www.dhowes.com

NAICS Codes:
   541511
   541512
   611420

September 1, 2015

Capabilities Statement

BUSINESS SUMMARY

- Geographic Information Systems (GIS) professional services, focusing on tools, processes and supporting infrastructure
- Based in Seattle, Washington, and operating locally and nationally in a range of different market sectors

CAPABILITIES

- Desktop and web GIS development, primarily focusing on the following technologies
  - *Esri*: ArcGIS; ArcGIS Server; ArcObjects; Python; AML
  - *Microsoft*: .NET (C#, Visual Basic); Silverlight; ASP.NET; SQL Server; Office; VBA
  - *Web*: HTML; JavaScript (jQuery); CSS
- Geoprocessing, analysis, modeling
- GIS coaching/training
- Other capabilities provided through teaming with professionals in relevant fields

RELATED SERVICES

- Process development
- Report writing/presentation
- Project/group management
- Workshop management

EXPERIENCE

17 years in GIS consulting with projects including:

- Updating of VB.NET map development tools (for a national U.S. forest management company)
- Development of Esri map series development tools using .NET/C# to build on the capabilities of ArcPy (Python) mapping (for an Alaska-based engineering company)
- Development of ArcGIS/Microsoft Access bookmark management/map export tools within a .NET (C#) add-in framework (for an international agrichemical company)
- Production of ArcGIS spatial analysis tools using Python (for a Utah rangeland management consulting company)
- Conversion of custom ArcGIS 9.x tools to ArcGIS 10.x add-ins to support electrical transmission network maintenance and development (for a major U.S. electrical transmission organization)
- Development of Silverlight 5/ArcGIS Server spatial data editing capabilities as part of a global market planning system (for an international retail company)
- Development of an ArcGIS Server/ JavaScript (jQuery) mobile web application (for a U.S. Gulf state department of marine resources)
- Development of GIS-based spatial analysis methods and high-volume map production procedures to support evaluation and use of endangered species data and investigation of potential pesticide use impacts (for multiple major agrichemical companies)