

Walker Willingham

GIS Analyst
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Bainbridge Island, WA
206-780-6801

EMPLOYMENT:

Earth Walker GIS, Owner-Operator, Bainbridge Island, WA, (2006 – present). Provide mapping and GIS contract services to clients such as:

- ***Subsurface Group, LLC***: Created geologic and infiltration rates maps for proposed development in collaboration with scientists & engineers.
- ***City of Kirkland, WA***: Managed & updated city address data, creating new layers, editing shape files, and doing comparative analysis of existing layers. Designed scheme for managing common place names in easily maintained layer for use by police & fire.
- ***Feet First***: Created 69 maps showing safe walking routes for elementary school children for the Seattle Public Schools. Solved technical challenges, data correction, and color production issues for this Seattle based pedestrian advocacy non-profit.

U.S. Census, Silverdale, WA, (2009-2010). Many positions, including:

- Office Operations Supervisor: managed in-house processing of QA operations.
- Field Operations Supervisor: managed a team of eight Crew Leaders and 112 Enumerators to conduct census in Kitsap County.

Adobe Systems, Software Quality Engineer; Adobe Systems, Seattle, WA, (1989 – 2005)

- Led the testing effort of Adobe's print trapping technology, which is sold to printer manufacturers.
- Created test files, wrote PostScript, used scripting tools, and reported anomalies.
- Provided expertise to internal customers, and certified software releases.

Pioneer Maps, Retail Manager, Bellevue, WA, (1985 – 1989)

SKILLS:

➤ **Geographical Analysis & GIS Usage:**

- Geocoding of address lists
- Use of buffering, clipping, snapping, editing polygons, and standard analysis tools
- Creation and set up of geodatabases, extents, and feature classes
- Georeferencing and polygonization of customer data
- Familiarity with ModelBuilder, topology, labeling, ArcToolbox, etc.
- Use of DS MapBook for map production & Adobe Illustrator for fine tuning output

- **Database Management:**
 - Experience with Access, SQL, and other database software in contexts ranging from managing a membership database to merging and managing tables in preparation for, and subsequent to geocoding.
 - Experience with import of data from AutoCAD.
- **Map & Presentation Design**
 - Skilled at balancing elements of a map to present a clear and uncluttered message.
- **Written and Verbal Communication**
 - Clarity of expression in professional life and volunteer committee work.

AWARDS:

Best Student Presentation, 2005 Washington URISA Conference:
GIS Analysis of Educational Equity in the state of Washington

EDUCATION:

- GIS Base Camp: Week-long training, focusing on editing and analysis with ESRI ArcGIS 9.2, offered by King County – completed January 2008
- **University of Washington, Seattle**, Geographic Information Systems Certificate Program through the Extension Program – completed June 2005
 - Project: Educational Equity across Washington State School Districts; Software: ARCVIEW 9.0
- **University of Washington, Seattle**, GIS Fundamentals through the Extension Program, Summer 2004
 - Project: Proposal for optimizing Democratic GOTV effort in the 23rd Legislative District; Software: ARCVIEW 8.3
- **University of North Carolina at Chapel Hill**, B.S., Chemistry, 1979

MEMBERSHIPS:

- Toastmasters International; Past President, Club 2238, Bainbridge Island, WA
- Washington URISA
- Cascadia Users of Geospatial Open Source

OTHER:

- Represented United States (1 of 15) at 2003 World Scrabble® Championship
- Designed and taught general science class “From the Atom to the Universe” at Odyssey Elementary on Bainbridge Island from 2000-2005