

S. REILY LOVE

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GIS Consultant / Programmer**PCS PrimeCo (Verizon)****1995 – 1997**

Consultant with communications company, which developed digital cellular phone technology.

- Developed accurate topographic and land use/land cover databases for use with radiometric modeling software. Integration of many data sources requiring extensive spatial manipulation and documentation.
- Advised executives on spatial data sources, development procedures, and software integration. Recommended purchases of image processing and GIS software necessary to perform desired operations.
- Wrote and maintained C++ programs for data conversion for use by radiometric modeling software.
- Developed land acquisition and customer service applications using AML, SDE, Avenue, C++, and Oracle.

GIS Production Manager**Hammon, Jensen, Wallen (HJW)****1992 – 1994**

Designed and scheduled GIS projects while managing four GIS professionals. Wrote proposals, designed procedures, and wrote programs for clients.

- Used C, AML, SML, ERDAS audit files, UNIX and DOS OS commands, and other utilities to integrate raster image information with vector data for intensive GIS modeling, image classification, and quality control.
- Awarded project for conversion and automation of 360 contiguous water utility maps into a seamless ArcInfo database for Marin Municipal Water District.
- Created seamless ArcInfo database of 36 contiguous, dated parcel maps for Monterey County Water Agency.
- Developed procedures to convert resource information from adjacent aerial photography into GIS databases using AML and C shell to automate the use of the PhotoGIS, an ESRI third party product.
- Served as ArcInfo GIS Instructor, Center for Environmental Design Research, University of California, Berkeley, teaching two ESRI Certified PC ArcInfo courses and a UNIX ArcInfo course.

Product Specialist**ESRI****1988 - 1990**

Worked in the Software Products group, which developed, tested, and documented new ESRI products.

- Served as Beta Test Manager for the PC ArcInfo beta software testing program.
- Performed software quality assurance by thoroughly testing new versions of PC ArcInfo software. Developed an automated system using SML to test all software modules.
- Instructed PC ArcInfo Training Classes and taught intensive three-day GIS training course.
- Designed and implemented ArcTools menu user interface for ArcInfo.
- Performed technical writing for PC ArcInfo and ArcTools documentation which included programming procedures.

EDUCATION

Doctoral Student, Environmental Planning, 1990 - 1992. University of California, Berkeley.

Master of Science, Geographic Information Systems / Remote Sensing, 1988. University of South Carolina. Thesis: The Development of a User Interface for a Distributed GIS Network Workstation.

Bachelor of Arts, Computer Science, 1986. Clark University, Worcester, Massachusetts. Magna Cum Laude.

PUBLICATIONS

Cowen, David J. and Love, Scott Reily. "A HyperCard Based Workstation for a Distributed GIS Network," GIS/LIS '88 Proceedings, Volume 1, pp. 285-294.

Gould, Michael D. and Love, Scott Reily. "An Easily-Customized User Interface for GIS and Map Display Systems," ACSM-ASPRS Proceedings, Fall 1988, Virginia Beach, VA., pp. 255-263.