

Kevin Volz, GISP



Company Role

Operations Lead

Project Role / Focus Areas

- Evari's main point of contact
- Lead Project Managers and logistics decision-making

Education

- B.S. – Geography, San Diego State University - 2009

Registration / Certification

- Certified Geographic Information Systems Professional, GISP
- Certificate in GIS, San Diego State University (2009)

Professional Membership and Intellectual Property

- Chairmen's Roundtable
- San Diego Chamber of Commerce, Policy Committees
- Inventor for U.S. Serial No: 15/098,660 Geographic Control Management System

Skills

- GIS Development
- Python, C#, IIS, HTML, CSS, Javascript
- Project Management
- ArcGIS Online Administration
- Enterprise GIS Support
- Computer Programming
- Leadership and Communication

Experience Profile

Kevin Volz, GISP, is the Operations Lead for Evari GIS Consulting, Inc, where he leads a team of 15 staff members, including Project Managers, GIS Analysts and GIS Technicians. Kevin coordinates Evari's logistics and works to find operational efficiencies, ensuring Evari delivers their work products in an effective and efficient manner. Kevin is passionate about finding optimal solutions to complex issues. He brings curiosity, enthusiasm, excellent customer service and a strong technical background in GIS, computer programming, and project and team management. He is a certified Geographic Information Systems Professional with over 14 years of experience in the field of geospatial analysis. Prior to joining Evari GIS Consulting, Kevin Volz served as GIS Programmer/Analyst for Quartic Solutions, primarily assisting municipalities in performing highly complex professional duties. Using a wide range of tools and software, Kevin developed GIS databases and expanded municipalities' GIS capabilities. Kevin regularly served as project lead in design, testing, programming, implementation, deployment, and maintenance of large-scale GIS applications. He is inspired to support Evari's staff in providing excellent work products for the businesses and government agencies with whom Evari works.

Professional Experience Timeline

Evari GIS Consulting, Inc.	2018 - Present
• <i>Operations Lead</i>	
Quartic Solutions LLC	2017 - 2018
• <i>GIS Developer</i>	
Deccan International	2014-2017
• <i>Lead Analyst</i>	
University of Minnesota	2009 - 2011
• <i>GIS Research Assistant</i>	
City of Huntington Beach, CA	2009 – 2010
• <i>GIS/Planning Intern</i>	
DVD Landscape Architects, Inc.	2003 - 2010
• <i>Consultant – Design Services</i>	

Selected Experience

Local Government Partnership: Intelligent Node Deployment, City of San Diego, California (2018-Present). Serving as Evari's main point of contact for City of San Diego staff. Supporting a \$6,940,000 smart city project to deploy smart sensors on street lighting assets throughout the City of San Diego; Evari GIS Consulting is responsible for selecting optimal smart sensor distribution throughout the city based on a series of factors including pedestrian safety, traffic, parking enforcement, and crime; the smart sensors form an Internet of Things (IoT) solution for monitoring and enforcing public safety and smart traffic solutions.

LED Streetlight Upgrade Program, Pacific Gas & Electric (PG&E), California (2015-Present). Serves as Evari GIS Consulting's (Prime) main point of contact and ensures effect delivery of enterprise GIS services in support of initial geocoding, field audit, outreach, and data reconciliation of approximately 300,000 municipal and PG&E-owned street lights; support the installation of 160,000 streetlights across PG&E's 70,000 square mile territory. Evari supports over 50 named users leveraging Enterprise License Agreement (ELA), load balanced within the Amazon Cloud and leverage SqlServer and ArcGIS Server (Enterprise Advanced). Through the end of 2016, the project saved more than 25 million kilowatt hours of energy user per year.

Enterprise GIS Administration and Development, Quartic Solutions LLC, California (2017–2018).

Primarily assist municipalities by performing highly complex professional duties in support of enterprise and departmental GIS databases and GIS capabilities. Use a wide range of tools and software, and extensive analysis and adaptation, to meet customer requirements. Regularly serve as project lead in design, testing, programming, implementation, deployment, and maintenance of large-scale GIS applications, tools, and associated databases. Active in evaluating GIS technologies, solutions, and the development of GIS policies, standards, and procedures.

Key Responsibilities

- Enterprise GIS application development, support, and maintenance
- Involved with each step of project life cycle - change assessment, analysis and design documentation, development, testing, IST, UAT, implementation, deployment, monitoring, reporting, and support
- ArcGIS Online Administration; ArcGIS Server Manager; REST services

Lead Tactical Analyst, Deccan International, California (2011-2017). Worked creatively with project managers, clients, and engineers to solve critical technical issues and curate and deliver optimal solutions. Transformed data and performed analytics on large databases, and enhanced and developed software to better inform key decision-makers. Continually involved with improving, enhancing, and evolving various software, and regularly relied upon to focus on the most critical, highest-priority projects.

GIS Research Assistant, UMN Department of Agronomy and Plant Genetics, Minnesota (2010). Provided mapping and consultation services. Involved with many research projects by creating maps and performing spatial analyses on sampled agriculture with regards to various environmental factors. Produced maps for publications, performed exploratory analysis, and mapped data samples globally to better understand and clearly demonstrate how population genetics are correlated with the environment's bioclimatic variables and geography. Responsible for training, developing, and leading teams. Supported colleagues by recommending best methods and practices, and regularly created and developed training materials and technical documentation.

GIS/Planning Intern, City of Huntington Beach, California(2009-2010) . Assisted Planning/GIS Department with numerous city-wide GIS mapping and planning functions. Updated building codes to latest regulations, responsible for addresses and street names, created fire and police maps for routing, and developed the City's Green Map which included bus routes, recycling centers, bike routes, etc.

Marketing Lead (2002-2010), Consultant (2009-2010), DVD Landscape Architects Inc., California. Used Photoshop and Publisher to create marketing materials; conducted internet research and answered phones. Designed and created comprehensive project photo database. Helped design, manage, and maintain company's website. Created quarterly newsletters and project flyers. Provided design support to architects using AutoCAD. Mapped and maintained project entities, extents, updates, modifications, and layouts. Plot/print, designed irrigation/construction/planting details, and plan specifications. Repaired and fixed computers, networks, printers, plotters and scanners.

Selected Publications

1. *Tracing the Geographic Origins of Weedy Ipomoea purpurea in the Southeastern United States*, Journal of Heredity. July 2013
Combined various aspects of computer science with geographic information systems (GIS), remote sensing, cartographic visualization, spatial statistics, and global positioning systems (GPS) in studying and solving geographical problems.