ENGINEERING TECHNICIAN

Summary

An experienced CAD and GIS Technician able to produce detailed drawings and maps which are clear and accurate. I am able to analyze databases and generate custom maps and reports with different tools of the trade. I am always curious to learn new skills and technologies that enhance my productivity in a complex organization. Adaptable to work for long periods and under the most stressed situations without losing focus and patience.

Highlights

- Operating Systems: Windows XP/ Vista/7 ArcGIS 9.3.1, 10.0
- C# (Basic) Telvent ArcFM 9.3.1/10.0.3
- Java (Basic) ArcGIS extensions
- AutoCAD (2008 - 2013) Arc Toolbox
- AutoCAD Map 3D 2008 Enghouse NetWORKS 4.7.1
- 3D Studio Max 2009 ERDAS Imagine 9.3
- Revit 2009 Microsoft Office (Up to 2010)
- GeoExplorer 6000 Series GeoXH GPS Pathfinder Office Software
- Magellan Mobile Mapper 6 Basic Surveying Principles
- MS Project Remote Sensing
- Garmin Oregon 550 Adobe CS4 (Photoshop, InDesign, Illustrator)
- Google Earth Google SketchUp (Up to ver. 7)
- Clinometer MicroStation (Basic)
- Able to lift, push, pull and carry 40 pounds or more
- Languages: Armenian

Experience

Company Name Engineering Technician 07/2014 to Current

- Updating the map book settings to publish water tiles of atlas map Generating system valve and hydrant data per tile using Crystal Reports Creating Tree GIS database - subtypes, domains, required fields with data types, geo-coding about 38,000 tree addresses Analyzing DB and generating reports per engineer requests Digitizing of Fiber Optics and tube allocation using Telvent fiber manager Creating custom maps for research studies Updating GIS, CAD, and other records based on asbuilts received Cover the front counter answering phone calls and customer walk-ins (when necessary) AutoCAD drafting (street lighting, substations, electrical substructure and wiring, and customer primary services) Perform various queries for street lighting, electrical engineering, and water engineering departments Updated GWP Electric and Water 5 Year CIP Plan Cross training with Electrical Planners - New and updated meter spots Created address geocode and updated xml to set as default Review, reconcile, and post GIS edits to parent version while supervisor is on vacation Linked transformers to customer meter data for transformer load study.

Company Name Assistant Engineering Technician 11/2013 to 07/2014

- Maintained the ArcFM stored display for the Electric viewers and editors Edit of electrical features in a versioned enterprise database Error check and tracing for Phase and Feeder connectivity Consolidated five street light databases into one (GPS, Versioned GIS, AutoCAD/MS Access, Disconnected, and Duplicated) Created custom street light maps for the Street light HPS Conversion Master Plan Updated Customer Service, Substructure, Substation, Street Lighting and Wiring drawings Conversion of paper and scanned images to AutoCAD format Researched new City Fiber routes using GIS Reviewed and fixed any errors for cartographic representation Worked as a team for a two phase Service Point ID mapping for electrical services to the customer side Helped Engineering staff with any GIS related issues Checked off permits for new constructions Updated wall maps at the Utility Operation Center and Howard Substation Updated and plotted 4kV/12kV feeder conversion map for the next three years Worked with ISD-IT to publish web maps.

Company Name Hourly City Worker 12/2007 to 09/2012

- Approved Electrical and Fiber Optic edits to parent version Updates to the GIS manual for work procedures Trained co-workers to use GIS / ArcFM Created data dictionary for GPS collection project of the Street Lights Prepared maps and reports for extension of Fiber Optics Reviewed Plan Checks for GWP Fiber Optics Plotted sectional and primary maps from CAD and GIS Installation of ArcGIS and ArcFM Created and maintained personal geodatabases Assisted in creation of mapping standards and other procedures Updated the 5 Year CIP Plan Mapped/Updated electrical assets within GIS and CADD: Electric Vehicle (EV), Service Drops, Tropos, Ice Bears, Underground/Overhead Distribution lines, Vaults, Pull Boxes, Basemap, Poles, Pedestals Assisted in obtaining bearing and distances for electrical easement deed Digitized electrical and water easements Updated Glendale's Municipal Code Book.

Education

Bachelor of Science : Geography Social Sciences June, 2012 California Polytechnic State University Pomona GIS GPA: Pi Gamma Mu Geography Pi Gamma Mu Social Sciences

Associates Degree : Architecture June, 2009 Glendale Community College Architecture

Civil Design Technology December, 2012 Rio Hondo Community College Civil Design Technology

GCC Certificate, Architectural CAD GCC Certificate, Architectural Drafting GPA: President and Vice President of the American Society of Engineers and Architects Club (ASEA) Dean's list President and Vice President of the American Society of Engineers and Architects Club

(ASEA) Dean's list
Work History
Company Name
Professional Affiliations
ESRI User Conference, Attended Seminars/Workshops (San Diego, CA) Basic Data Collection using TerraSync v4.0x Field Software GPS Data Collection for GIS - Best Practice ESRI Certificate, Cartographic Design Using ArcGIS 9
Additional Information

- 2 | Page

Skills

3D, 3D Studio Max, Adobe, Photoshop, Architectural Drafting, AutoCAD, Basic, book, CAD, Conversion, Crystal Reports, Customer Service, data dictionary, databases, database, drafting, Edit, electrical engineering, engineer, xml, features, Fiber Optics, GIS, GPS, HPS, Illustrator, InDesign, Java, Lighting, Mapper 6, MS Access, C#, Microsoft Office, Office, MS Project, 3.1, Windows XP, MicroStation, enterprise, NetWORKS 4.7.1, next, Operating Systems, DB, coding, research, Revit, supervisor, phone, transformers, transformer, Vista, Wiring