Looking to fill 3-5 positions for GIS technicians interested in working with Ericsson on an outside fiber optic plant design with a leader in the industry. Ericsson has the capacity to bring in apprentice level techs with familiarity in GIS programs and emphasis on ESRI’s ArcGIS.

Title: GIS Technician
Location: San Jose - Santa Clara CA

GIS Technician - Roles and Responsibilities - GFiber Program. The role of the GIS Analyst requires the individual to receive, collect, and process large amounts of data from various sources and to properly populate this data into various layers within ESRI ArcGIS.

Specific Duties (The sources of data include but not limited to):

- Census data.
- Public domain terrestrial and satellite imagery.
- Community GIS files.
- USGS topological and terrestrial maps.
- Environmental mapping.
- Vegetation mapping.
- Aerial and underground utility mapping.
- Address and Parcel mapping, creating ‘buildings of interest’ databases and layers. In addition to this public domain data, to plan, receive, and process project gathered data creating usable layers and features.

Survey techniques include but not limited to:

- LiDAR (Mobile, Terrestrial).
- Ground Penetrating Radar (GPR).
- Global Positioning System (GPS) data collectors.
- Utility Pole Line Audits (Photographic, GPS, and Attributes).
- Field Engineering Notes (ArcGIS Collector, etc.).

As a result of the data gathered these roles shall create feature sets to include but not limited to:

- True Face of Curb.
- True man-made and organics.
- Reflection of subsurface obstructions.
- Spatial analysis of subsurface, terrestrial, and aerial features.
- Migrating data to our network design tools.
- Creating and extracting files for the creation of Permit and Construction Drawings to give to Drafting (AutoCAD) as a rotating and realigning compass and 1:20 scale with appropriate layers visible in AutoCAD dwg.
Responsibilities to include the following:

- Works independently with minimal supervision.
- Able to serve as lead GIS consultant on multiple projects. Excellent communication and presentation skills.
- Works successfully with local and remote team members.
- Fully demonstrates expertise with ESRI’s ArcGIS for Desktop software suite and related extensions.
- Able to provide guidance for junior GIS staff and non-GIS staff pertaining to its correct usage.
- Fully demonstrates expertise with a variety of geo-processing tools and the ability to automate routine tasks through ESRI’s Model Builder or Python scripting.
- Able to identify and solve technical problems independently with rapid turnaround times.
- Able to devise new approaches and alternative solutions to existing problems.
- Keeps abreast of current GIS trends and developments and can apply them to existing projects.
- Produces spatial and non-spatial data while ensuring technical accuracy and logical consistency in processing and output.
- Able to manage large amounts of spatial and non-spatial information in accordance with company and industry standards.
- Demonstrates ability to create visually impressive maps and figures.
- Demonstrates expertise working with a variety of coordinate systems.
- Demonstrates expertise working with raster data sets.
- Demonstrates expertise collecting and working with GPS-collected data.
- Demonstrate expertise working with asset management and modelling.
- Demonstrates expertise working with Google Earth and KMZ files.
- Demonstrates proficiency converting data between GIS-related and CAD-related file formats.
- Comfortable working with ArcSDE and distributed geo databases.

This position is based in San Jose California. Potential for conversion to full time employee if work merits and program demands.

If interested, contact John Osborne, Senior Technical Recruiter at Fusion Solutions LLC at johno@fusionsolutionsinc.com or 972-201-3064.