Position Description:
JOA Surveys, LLC (JOA), an Alaska based surveying company specializing in tides and water level measurement, vertical datums and geodetic networks, is currently seeking a **GIS Specialist**.

Position Duration:
Part time March to May. Full-time (40 hours) May to August. Then with the possibility of part or full time employment to November depending on need. The position may lead to full time permanent employment.

Position Description:
JOA has been working on a multi-year project that consists of surveying ground check points for elevation data. JOA is looking for someone with GIS, database and programming experience to assist with further automating our workflow and generating final products. Tasks will include, but are not limited to:

- Identifying land ownership and the development of planning maps with GIS
- Creating a geodatabase from a backlog of point coordinates, shapefiles and images
- Data processing with online tools and Matlab
- Generating final maps through a batch process in ArcGIS with Python scripts

This position would be based at the JOA office in Anchorage, is primarily office based with the possibility of some field work. Additional tasks the GIS Specialist may perform are logistical support, map making, daily quality control, basic GPS data processing, and general reporting for charting and mapping projects conducted in coastal states throughout the US.

Minimum Qualifications:
GIS experience using databases and shapefiles
Computer programming experience
General computer skills
Ability to document workflow processes

Preferred Qualifications:
Experience writing scripts in programming languages such as Python, Matlab, and VBA
An understanding of horizontal and vertical datums
Database entry and development
Previous experience working with EXIF data

Pay:
Depending on experience

Closing Date:
March 24, 2017

If interested:
Send resume to Nathan@joasurveys.com
Not required, but encouraged to provide a sample of GIS or other spatial analysis in pdf format.