Job Description – Photogrammetrist

To apply for this position please e-mail your resume to jobs@controlcam.com

Collect, analyze, and interpret geographic information provided by geodetic surveys, aerial photographs, and satellite data. Research, study, and prepare maps and other spatial data in digital or graphic form for legal, social, political, educational, and design purposes. May work with Geographic Information Systems (GIS). May design and evaluate algorithms, data structures, and user interfaces for GIS and mapping systems. Collect, analyze and respond to Request for Proposals (RFPs).

Job Duties

Job responsibilities include but are not limited to:

- Delineate aerial photographic detail such as control points, hydrography, topography, and cultural features using precision stereoplotting apparatus or drafting instruments.

- Identify, scale, and orient geodetic points, elevations, and other planimetric or topographic features, applying standard mathematical formulas.

- Revise existing maps and charts, making all necessary corrections and adjustments.

- Inspect final compositions to ensure completeness and accuracy.

- Build and update digital databases.

- Determine map content and layout, as well as production specifications such as scale, size, projection, and colors, and direct production to ensure that specifications are
followed.

- Determine guidelines that specify which source material is acceptable for use.

- Examine and analyze data from ground surveys, reports, aerial photographs, and satellite images to prepare topographic maps, aerial-photograph mosaics, and related charts.

- Study legal records to establish boundaries of local, national, and international properties.

- Select aerial photographic and remote sensing techniques and plotting equipment needed to meet required standards of accuracy.

- Travel over photographed areas to observe, identify, record, and verify all relevant features.

**Job Skills**

**Interacting with Computers** –

- Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.
  - Use computer aided drafting or design software for design, drafting, modeling or other engineering tasks
  - Use spreadsheet software
  - Use geographical information system (GIS) software

**Processing Information** –

- Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.
Respond to Request for Proposal(s) (RFPs) –

- Researching, compiling and responding to government and private RFPs.

Getting Information -

- Observing, receiving, and otherwise obtaining information from all relevant sources.
  
  o Read maps
  o Read technical drawings
  o Research property records
  o Collect geographic or physical data

Documenting/Recording Information –

- Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form.

Updating and Using Relevant Knowledge -

- Keeping up-to-date technically and applying new knowledge to your job.
  
  o Use drafting or mechanical drawing techniques
  o Use photogrammetric techniques

Communicating with Supervisors, Peers, or Subordinates -

- Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.

Evaluating Information to Determine Compliance with Standards -

- Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards.