Adam Robert Cajal Zettlemoyer

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Eager to occupy a position within your company as a:

Survey Field Technician

With the intentions of:

- Strengthening techniques ascertained through my educational and entrepreneurial endeavors
- Proving my value and stanch work ethic amongst peers, management, and community.
- Continuing the processes of learning, adapting, and improving my productivity.

PROFESSIONAL SURVEYING EXPERIENCE

Survey Technician (2010-2011)
Envisors Inc.
Construction Layout
- building pads and corners
- retention ponds and other forms of earthwork
- concrete slabs and curbing
- asphalt lots and roadways
- underground utility lines and structures

Topographic Surveying and Locating
- monuments, right-of-ways, utilities, as-built, etc.
- hydrographic and quantity surveys

Flood Elevation Certificates

Survey Technician (2008-2009)
Degrove Inc.
Large Scale Topographic Surveying
- swamps, marshes, floodplains, waterways, etc.
- spoil-mounds, as-built dredging operations, etc.
- hydrographic and quantity surveys

Cemetery Layout & Flood Elevation Certificates

LICENSURE

NCEES Fundamentals of Surveying Exam, 2008
Surveyor in Training (S.I.T.)

Equipment Familiar with and Utilized
Leica robotic total-stations, Topcon total-stations, Digital and Automatic Levels, Topcon HiPer Pro Plus/Lite GPS Systems, Trimble 5800 GPS Systems

EDUCATION

University of Florida, 2008
Bachelor of Science in **Geomatics**

In the disciplines of:
- Cadastral Principles
- Geodesy and Geodetic Positioning
- Geographic Information Systems
- Photogrammetry
- Remote Sensing
- Route Geometrics and Design
- Subdivision Design
- Surveying and Mapping Practice

With additional studies in:
- Business Law
- Dendrology
- Hydrographic surveying
- LiDAR applications

Santa Fe Community College, 2006
Associate of Arts in Sociology

EXTRAORDINARY ABILITIES

Proficient in various computer programs utilized for mapping and surveying applications

Autocad Land Desktop: fully capable of plotting maps from deed descriptions using retracement methods and field data collected from field books and data collectors

ArcGIS 9.2: experience in amassing data within a database to be correlated and presented as to demonstrate attributes through visual stimulation.

Erdas Imagine: capable of combining remote sensing with geospatial data

Word and Excel: emphasis on the latter, knowledge in creating mathematical formulas in calculating route designs for construction stakeout.

VR Mapper: experience in gathering geometric properties from photographic images.

ADDITIONAL SKILLS

Website Design: from concept to product; efficient in coding (HTML, CSS, PHP, Ajax, JavaScript, SQL databases, etc.), comfortable with Adobe's Photoshop and Illustrator programs

Tax Preparer: 501(c)(3) non-for-profit

Audio Production: experienced in practicing music theory and the processes of performing, recording, mixing, and mastering. Knowledgeable in analog and digital audio signals and their associated manipulation practices.

References upon request

For additional information visit www.depthsofobscurity.com

Winter Haven High School - During demolition of pre-existing buildings we: located underground utility lines using traversing methods with a total station; set elevation-benchmarks throughout the site for the pipe and earthwork crews using leveling practices with an automatic-level and rod; staked out proposed lines and as-built newly laid/constructed lines. While the rest of the site was being cleared we: laid out and set home plate for a softball-field; staked out and graded dugouts, batting cage, and concession/restroom/scorer's table building pads along with their associated underground utilities; laid out retention ponds along with their accompanying storm structures; staked out the continuous of a concrete wall partitioning various fields and the adjacent neighborhood. With demolition competed we: continued with underground utility layout; staked out and graded three more building pads; laid out a parking lot for the administration building; set property corners surrounding each new building to satisfy loan requirements for the banks. Throughout the job duration we as-built all completed construction and mapped out existing buildings to complete an assembled engineering drawing for the school board.

LegoLand (Winter Haven) -On arrival we located newly-established control set by another surveying crew and checked for misclosures. We also fired off a view of our own control points throughout the site, which once was Cypress Gardens but is now being converted into Lego Land. Amongst ongoing demolition and heavy machinery we staked and graded earthwork using a total-station. Underground structures were staked with a total-station while their off-sets were pulled using tape and graded with the automatic level. We also staked and graded soon-to-be paths and access routes and as-built sewer, water, and storm lines.

City of Lake Wales - We held horizontal and vertical in composing a map for the city's cost assessment of replacing an entire neighborhoods sanitary sewer line by locating all features/obstacles within the vicinity of such lines. These lines took us down back allies and unkempt boundary lines separated by various fences and property barricades. Our topographic survey included cross-section lines and particular detail of buildings and road intersections. Manholes were located and control was set using the L-Net GPS Network. We ran a level loop which passed through each manhole, from which we leveled our traverse points. Location was performed using a total-station and a data-collector. We also measured buildings and sheds within the vicinity of the sewer line.

Winter Park Ninth Grade Center - We were tasked to layout parking areas, the bus loop, associated curbing, and storm-runoff structures including retention ponds and swales. With an automatic level and rod, vertical positioning was established to our horizontal control set by traversing methods with a total-station. Earthwork and EOP and/or BOC offsets were graded with the total station, but offsets for underground structures were graded with an automatic level and rod. We also set elevation benchmarks for the construction crews throughout the jobsite and as-built finished work.

Wauchula - Data needed to be collected for engineering a proposed water pipeline along miles of highway. We performed a topographic survey of the right-of-ways associated with the proposed line and located all obstacles and structures within using both GPS and traversing methods. We localized our base point and set control points along the roadway using GPS. A level loop was preformed through our control to tighten vertical precision and where trees obstructed GPS signals a total station was utilized to collect data.

Apartment Complex - After establishing control the silt-fence was laid out. Vertical precision was tighten with the running of a bench -loop. Retention ponds and building pads were staked and graded with a total station. Underground structures were staked out with the total station and their offsets graded via automatic level. We also set elevation benchmarks and as-built finish work.