

ANDREW NAMYSLAK, PLS,LS.  
Professional Land Surveyor in NJ and NY.  
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27 Howard Place  
Jersey City, NJ

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## Land and Construction Surveyor/Cadd Technician/Project surveyor.

Experienced land surveyor, 20 years on the job training, devoted to bringing excellence and effective solutions to meet the current standards and future expectations of business. Areas of experience include:

- Leica Cyclone v.8.1
- Star\*net
- Leica Geo office v.8.3
- Automated mapping
- Tidal study
- Boundary
- ALTA
- Topography
- Terrain modeling
- Right of way
- Construction surveys
- Quantity calculations
- Corpscon
- Terramodel 10.41v
- AutoCAD Land Desktop Development 2007,
- Topcon robotic instruments
- Leica robotic total stations
- Sokkia robotic total stations
- Tripod data system
- GPS Hi-Per Pro
- Geodetic calculations
- Goal Orientation
- Monitoring of structures
- On site calculations
- Carlson Civil Suite 2015
- Leica Roadrunner Tunnel
- Amberg TMS Office

Able to synthesize complex and diverse information; collect, research and complement data; possess project management skills; design work flows and procedures; personnel management experience, including technical evaluation of staff, conflict resolution skills, grouping staff in workable groups. Skills include prioritizing and planning work activities; using time efficiently; setting goals and objectives; organizing and scheduling other people and their tasks plans. Uncommon ability to meet productivity standards; complete work in timely manner; strive to increase productivity; works quickly. Emphasizes safety and security procedures; uses equipment and materials properly.

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**WORK EXPERIENCE**

**New York Geomatics, Sunnyside, NY**  
2014 March-Present

**Survey Project Manager/Survey Analyst.**

- Developed and implemented customized office procedures for tunnel survey workflow purposes,
- Defined and generated 3D alignments of caverns and tunnels on East Side Access project
- Built survey programs for layout/as-built purposes,
- Developed best-fit as-built alignments of tunnels,
- Computations of information for layout purposes,
- Volume computations from 3D point cloud data,
- Clash detection of modeled objects with 3D point cloud data (Alimak in vertical shaft),
- Computed best fit location of vertical shafts,
- Drafted as-built surveys,
- Developed and implemented QA/QC procedures,
- Trained and supervised new office staff,

**Langan, New York City, NY**  
August 2012- March 2014

**Party Chief, Instrument operator.**

- Boundary and Topographic surveys,
  - As-built surveys,
  - Specific purpose surveys,
  - 3D Laser Scanning
- Notable projects: UN General Assembly, Saint Patricks' Cathedral, Brooklyn Academy of Music, Associated Press, Brooklyn Navy Yard, Empire State Building)

**50 States Engineering, Hackensack, NJ**  
2010 March–August 2012

**Project Surveyor/Assistant Project Surveyor/Party chief.**

- Registration, processing and extraction of data from HDS point cloud using Cyclone 7.0,
- Full-field deviation to CAD,
- Route survey using point cloud data- Section based analysis, alignments, contours,
- Digital modeling,
- Monitoring of structures using 3D HDS,
- Adjustments of traverse networks using Land Desktop Development,
- Computations of information for layout purposes,
- Drafted as-built surveys.

**American Surveying and Mapping, Inc. Orlando, FL  
2005 to 2010****Party Chief, CADD technician.**

- Field- Topcon robotic total station, GPS Topcon Hi Per pro, TDS-Ranger, Office-Carlson Civil Suite, LDD 2007, Corpscon
- Traverse adjustments (least square method),
- Geodetic calculations,
- Built surfaces, contours, cross sections, volume calculations – grid, composite and section methods, profiles-sampling existing ground elevation,
- Graphic interpretation of terrain elevations on range maps,
- Drafted plat of subdivision, topography, boundary, ALTA/ACSM land title surveys,
- Determination of mean high water line using range ratio method,
- Created prototype file for the purposes of automated mapping,
- PGL, spirals calculations,
- Assisted in computing elevations of dead load deflection of deck of the bridge,
- Performed staking out end bents, beam seats, mse walls,
- Performed setting elevations on railing anchor bolts,
- Performed staking out pier,
- Set up and adjust horizontal and vertical control network for bridge layout,
- Prepared various as built information for client/designer (graphic interpretation of collected information including conversion of data to requested by client format)

**Franklin, Hart & Reid Civil Engineers, Land Surveyors, Kissimmee, FL  
2001 to 2005****Project surveyor, Crew Chief, Instrument operator, CADD technician**

- Field- Topcon conventional total station, digital level, GPS Sokkia, TDS Ranger, Recon, Hp 48, Office- Terramodel v.10.4
- Coordinated work assignments with the schedule of the contractor to ensure timely completion of projects,
- Drafted plat of subdivision, topography, boundary, ALTA/ACSM land title surveys,
- Performed and analyzed network closures/adjustments,
- Performed and supervised various surveying functions including topography surveys, construction surveys and other field surveys associated with land surveys,
- Keep detailed and accurate records of crew activities, survey data,
- Instructed survey crews in the field layout of the more difficult construction projects and in performing other aspects of survey work,
- Reviewed and analyzed work methods to increase efficiency and productivity of five conventional, and one GPS survey crew.

**MISCELLANEOUS WORK EXPERIENCE**

ESRI ArcGis 10, Lisp routines, Legal Aid, Typing speed 30 wpm, SQL, Microstation v8 Geopak Bridge, Ms Office- fluent knowledge of Ms word and excel, Corel, German-basics.

**EDUCATION AND TRAINING**

- Bachelor of Science in Surveying and Engineering at NJIT, Newark, New Jersey, May 2012,
- Geomatics - MS Degree, Wroclaw University of Environmental and Life Sciences, Wroclaw, Poland, (1999-2001), evaluated and approved by World Educational Services to 31 US\_credits,
- Geodesy and cartography– BS Degree, Wroclaw University of Environmental and Life Sciences, Wroclaw, Poland, (1995-1999), evaluated and approved by World Educational Services to 129.5 US credits,
- Basic and Advanced GPS processing course -24 hours by Leica Geosystems, NJIT, May 2011, Newark, NJ
- AutoCAD Civil 3D, Valencia Community College, Orlando, FL, (2009)
- Advanced CADD, AutoCAD, English as a second language, Valencia Community College, Orlando, FL, (2002-2004)
- Vocational and Technical Education; Specialization: electronic systems, Czestochowa, Poland, (1990-1995)
- 3D High Definition Laser Scanning (Leica Geosystems)
- Member ASPRS,
- Active member of 3D laser scanning and Surveyor Connect online forums,
- OSHA construction safety certified,
- MOT certified,
- TWIC (Transportation Worker Identification Card),
- MTA LIRR,
- Amtrak,

- MTA NYC,
- Autocad Civil 3D 2011 certified-one on one with the instructor 30 hours Civil drafting and Civil Engineering Cad/CADD provided by ROBOTECH SOLUTIONS

## **ACHIEVEMENTS:**

- GPA 3.4
- 2<sup>nd</sup> Place- NSPS March 2012 Portland, Oregon -"Digital filing cabinet using ArcGis"-NJIT student chapter team member
- President's list, 2003 – Valencia Community College, Orlando, Florida
- Employee of the month, Franklin, Hart and Reid, August, 2005

## **INTERESTS:**

Computers, photography, travelling.