

# MASON WILSON

## Assistant Surveyor

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### PROFESSIONAL SUMMARY

Detail-oriented Assistant Surveyor with 5 years of experience in land surveying, data collection, and mapping. Proficient in utilizing advanced surveying equipment and software to ensure accurate project execution and compliance with regulations.

### WORK EXPERIENCE

#### Assistant Surveyor

Maple Leaf Consulting

📅 Dec / 2020-Ongoing

📍 Toronto, ON

1. Conducted underwater inspections of pipelines for gas companies, ensuring compliance with DOT regulations.
2. Utilized advanced equipment to locate pipelines and assess erosion risks at water crossings.
3. Performed line location using Vivax Locator for accurate pipeline mapping.
4. Employed RTK and base station technology for precise stakeout points in various projects.
5. Utilized Hummingbird and side-scan sonar to verify pipeline integrity underwater.
6. Collected data points using a Transit for AutoCAD drawings, enhancing project accuracy.
7. Executed cathodic protection tests on pipelines to ensure coating integrity.

#### Assistant Surveyor

Cactus Creek Solutions

📅 Dec / 2019-Dec / 2020

📍 Phoenix, AZ

1. Assisted lead surveyor in the layout of the Southwest Florida International Airport parking garage.
2. Participated in nightly concrete pours, ensuring proper alignment and measurements.
3. Conducted boundary surveys, land survey plats, and as-built surveys for various projects.
4. Implemented GPS and total station technology in highway subgrade construction for four major projects.
5. Maintained and repaired surveying equipment, ensuring optimal performance and accuracy.
6. Conducted boundary surveys, resolving property disputes and ensuring legal compliance for clients.
7. Participated in field surveys, collecting data that informed design decisions for infrastructure projects.

### EDUCATION

#### Bachelor of Science in Surveying

University of Florida

📅 Dec / 2018-Dec / 2019

📍 Portland, OR

Studied land surveying principles, geospatial technology, and mapping techniques.

### SKILLS

Real-Time Kinematic Surveying



Theodolite Operations



Pipeline Location Techniques



Underground Utility Locating



Geospatial Analysis



### INTERESTS

📖 Art

📖 Volunteering

📖 Hiking

📖 Yoga

### STRENGTHS

🌟 Criticality

🌟 Curiosity

🌟 Detail-oriented

🌟 Diplomacy

### LANGUAGES



English  
80%



Hindi  
80%



Arabic  
80%

### ACHIEVEMENTS

★ Successfully completed over 50 land surveys, ensuring 100% compliance with local regulations.

★ Improved data collection efficiency by 30% through the implementation of new surveying techniques.

★ Contributed to the successful completion of a multi-million dollar infrastructure project ahead of schedule.