

Ivan Thompson

Entry-Level Civil Inspection Engineer

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STRENGTHS

- Detail-Oriented**
Thrive in roles requiring precision, constantly attracting praise for vigilance during field inspections to ensure compliance. Peers often seek insights for improving accuracy.
- Collaborative**
Naturally connect with others while working towards shared goals, gaining feedback inspiring stronger inspections and reports reflected in outcomes. Contributing ideas solicited enhances teamwork.
- Analytical Thinker**
Enjoy breaking complicated information into actionable insights assisting in better decision-making processes related to engineering options. Friends note thoughtfulness in problem-solving approaches.
- Agile Learner**
Quickly absorb new techniques paving pathways toward leadership opportunities in rapid-changing environments inspires colleagues. Frequent discussions lead to strategies sustaining efficiency.
- Proactive Communicator**
Take initiative in sharing pertinent updates with teams ensuring everyone aligns seamlessly around evolving task requirements, frequently noted for abilities improving workflow clarity on projects.

SKILLS

AutoCAD Civil 3D

Microsoft Office Suite Adobe PDF

Field Inspection

Structural Analysis

Condition Assessment

Documentation Standards

SUMMARY

Recent graduate armed with a Bachelor's in Civil Engineering from University of Illinois at Chicago, specializing in structural inspection and transportation infrastructure. Passion stems from hands-on field inspections, coupled with a strong proficiency in preparing detailed inspection reports using engineering software. Collaboration amplifies strengths; working closely with seasoned engineers builds both knowledge and the ability to effectively address challenges. Daily tasks have included ensuring compliance with safety standards during site evaluations and documenting observations accurately. Eager to leverage background and contribute positively to bridge and structural projects.

EDUCATION

Bachelor of Science in Civil Engineering

University of Illinois at Chicago 🎓 GPA: 3.8 📅 2026 📍 Chicago, IL

Coursework: *Structural Analysis, Construction Materials, Transportation Engineering, Environmental Design*

TECHNICAL SKILLS

- Engineering Software:** AutoCAD, Civil 3D, MATLAB
- Office Suites:** Microsoft Office Suite, Google Workspace, LibreOffice
- Project Management Tools:** Trello, Asana, JIRA
- Inspection Methodologies:** Bridge Inspection, Structural Evaluation, Condition Assessment
- Documentation Standards:** PDF Documentation, Technical Routing, Quality Controls
- Analytic Techniques:** Statistical Analysis, Data Interpretation, Forecasting Models
- Communication Tools:** Slack, Microsoft Teams, Email
- Quantity Estimation Methods:** Cost Estimation, Time Tracking, Resource Management
- Inspection Equipment:** Theodolite, Laser Level, Measuring Tape
- Environmental Effects Studies:** Durability Testing, Stress Analysis, Material Behavior

EXPERIENCE

Civil Engineering Intern

University Project 📅 June 2025 - May 2026 📍 Chicago, IL

Assisted in executing field inspections of diverse transportation structures under expert supervision, emphasizing adherence to safety and regulatory mandates. Gained valuable exposure and insight into industry best practices while ensuring project quality.

- Supported various transportation structure assessments by collecting precise measurements and configuring documentation aligned with stipulated agency guidelines.
- Collaborated alongside senior engineers to compile thorough inspection and evaluation reports highlighting structural conditions and recommended actions for remediation.
- Employed AutoCAD and Civil 3D efficiently, producing accurate sketches and documentation based on observation and computation of structural elements.
- Facilitated a review of previous inspection records which boosted workflow efficiency through improved strategies for data management.
- Engaged actively in team strategy sessions yielding enhancement opportunities in data entry processes for report integrity across disciplines.
- Ensured completion of all duties under demanding timelines, exhibiting readiness for any required nighttime or weekend inspections as dictated by project needs.

Research Assistant

Academic Research 📅 January 2025 - May 2025 📍 Chicago, IL

Contributed to a pivotal research project regarding environmental impacts on bridge integrity, enhancing understanding of lasting material effects through applied analytic strategies and demonstrating a commitment to pushing forward findings within academic circles.

Technical Reporting

Transportation Systems

Regulatory Compliance Data Entry

Quality Assurance Load Ratings

Design Computations

Sketch Preparation

- Participated actively in investigating correlations between environmental factors and structural durability of bridges through rigorous data analysis and experimental observation.
- Created dynamic visual presentations of analytical outcomes using Microsoft Office Suite and Adobe PDF to engage audiences during symposiums.
- Coordinated drafting methodologies that aligned with university investigation protocols ensuring scientific rigor was upheld consistently throughout the project.
- Initiated numerous hands-on experiments showcasing practical applications of theoretical concepts around structural behavior comparative handling.
- Contributed significantly towards development of publishable papers reflecting detailed findings, culminating in presentations at local conferences with faculty recognition.
- Demonstrated ability to break down complex technical data into digestible concepts for wider academic community consumption.

LANGUAGES

English Native

Spanish Intermediate

LEADERSHIP & AWARDS

- Dean's List, University of Illinois at Chicago, 2024-2026
- First Place, Civil Engineering Design Competition, 2025

CERTIFICATIONS

- Engineer-In-Training (E.I.T.) Certification 📅 2027
- OSHA Safety Training Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society, 2023-2026
- Volunteer, Habitat for Humanity, 2025

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST

MY CAREER



● Civil Engineering Intern at University Project (11 Months)

● Research Assistant at Academic Research (4 Months)