SARAH ANDERSON

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TECHNICAL SKILLS

AutoCAD & AutoCAD Civil 3D

Revit

SketchUp Pro

STAAD.Pro

SAP2000

MS Office Suite

Primavera P6

GIS Software

CORE COMPETENCIES

Structural Analysis

Construction Planning

Building Codes & Standards

Project Documentation

Cost Estimation

Site Inspection

Material Testing

Quality Control

Technical Documentation

CERTIFICATIONS

PROFESSIONAL SUMMARY

Highly motivated Civil Engineering graduate with a strong foundation in structural design, construction management, and sustainable engineering practices. Proficient in industry-standard software and passionate about implementing innovative solutions in construction projects. Demonstrated leadership abilities through successful completion of multiple team-based projects and active participation in professional organizations.

EDUCATION

Bachelor of Science in Civil Engineering

Massachusetts Institute of Technology

2019 - 2023 | Cambridge, MA

- GPA: 3.8/4.0 | Dean's List: All Semesters
- Relevant Coursework: Structural Analysis, Geotechnical Engineering, Construction Management, Environmental Engineering, Transportation Systems
- Vice President, American Society of Civil Engineers (ASCE) Student Chapter
- Captain, Civil Engineering Design Competition Team

INTERNSHIP EXPERIENCE

Civil Engineering Intern

Turner Construction Company

June 2022 - August 2022 | Boston, MA

- Conducted daily site inspections and prepared detailed documentation for a $50M commercial building project
- Collaborated with project engineers to review and update construction drawings using AutoCAD Civil 3D
- Assisted in quantity takeoffs and cost estimations for project change orders, achieving 95% accuracy
- Participated in coordination meetings with contractors and prepared comprehensive meeting minutes
- Performed quality control checks on concrete testing and maintained material testing logs

ACADEMIC PROJECTS

Sustainable Bridge Design Project | Team Leader

Fall 2022

- Led a team of 4 to design an eco-friendly pedestrian bridge using sustainable materials and renewable energy features
- Performed comprehensive structural analysis using STAAD.Pro and created detailed 3D models in Revit
- Developed cost estimation and project timeline using Primavera P6
- Awarded first place in department's sustainable design competition