Senior Civil Engr Example, EIT

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# Education

## BACHELOR OF SCIENCE | CIVIL ENGINEERING | MAY 20XX | ABET ACCREDITED

## OHIO NORTHERN UNIVERSITY

# Experience

## COLLEGE INTERN | Wessler Engineering | BLUFFTON, OH | SUMMER 20XX

* Worked under a project manager; focused on wastewater and drinking water.
* Prepared cost estimates for a rehabilitation project for a small town’s sewer system; inspected residential septic tanks to determine condition. Collaborated with other engineering firms to complete estimates.
* Selected wastewater pumps for a pump station based on maximum hydraulic flow. Smoke-tested sanitary sewer pipes for leaks and if needed, tested pipe integrity for possible sanitary sewer rehabilitation projects. Inspected construction sites and manholes; wrote reports detailing findings.
* Conducted preliminary calculations for equalization basin design for a small city.
* Learned to use employer’s new GPS mapping equipment; mapped out the Village of Bluffton, OH. Prepared detailed PowerPoint and presented/taught other employees how to use the equipment.

## COLLEGE INTERN | ODOT DISTRICT 10 | MARIETTA, OH, SUMMERS 20XX-20XX

* Worked under project engineers as an inspector
* Worked on slip repair, drilled shafts. Inspected realignment work for a road setback.
* Inspected re-lighting project for a state route and interstate interchange ensuring lighting was placed as documented on specs.
* Inspected parking lot installation; checked grade, pavement thickness, parking spacing and proper curb installation.
* Oversaw sidewalk installation; ensured walkways were installed with proper roadway setback, graded correctly and checked that proper cement mix was used for the job.
* Inspected roadway/bridge resurfacing was completed according to specifications; examined roadways were either milled or pressure-sprayed to appropriate sub-layer depth, examined bridge reinforcement to determine whether it met code and oversaw resurfacing to ensure the proper amount of asphalt was re-installed.
* Observed the tear-out and reconstruction of culvert projects (jack and bore, box, plug and fill, remove and replace).

## Activities

* American Society of Civil Engineers; National/Ohio Northern University
* Science Technology Engineering Mathematics (STEM) Academy: Group Leader
* Concrete Canoe Team
* Model United Nations
* Volunteer, STEM Academy, Habitat for Humanity, Church Service Projects

# Computer/Software Skills

* ArcGIS, EPA SWMM, EPA.net, AutoCAD, Quick COGO, SAP2000, Visual Studio, MicroStation, Word, Excel, PowerPoint, Publisher