

S. Cooper Ridge, EIT

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Intent:

I am a determined leader looking to utilize my education and skills to build a long lasting career, and gain the experience necessary to become a Professional Engineer. Willing to travel and/or relocate.

Education:

B.S. Civil Engineering Technology / Minor Construction Management – GPA – 3.2

July 2009 / December 2009

Southern Polytechnic State University - Marietta, GA

Computer Skills:

AutoCAD, AutoCAD 3D, Revit, Microstation, Primavera P6, Microsoft Project, SureTrak, CG Survey

– Used the software to perform a variety of tasks such as school projects and work assignments.

Professional Experience:

SEI, Inc., Marietta, GA

2005 – 2007

Construction, Engineering, Surveying Company

Drafter – Full Time

- Use AutoCAD to design complete sets of construction plans for residential, commercial and DOT projects.
 - Grading plans (Clearing/Grubbing, Intermediate & Final),
 - Erosion control plans (Initial, Intermediate & Final) including designing the detention ponds and sedimentation control measures (silt fence, rip-rap, etc).
 - Road layouts for subdivisions, 50 to 900 acres, also Fire & Water Lines and Bore Pits for tapping.
 - GDOT and County DOT road widening and intersection expansions, from 0 to 10 miles long.
 - Laid out and profiled the Sanitary-Sewer and Storm-water management control systems.
 - Designed new details and cross sections.
- Performed seismic testing in the field for foundation projects, to test for rock and to test soil composition.
- Familiar with the entire permitting process from conception to completion.
- Provided technical and administrative support to engineering team.

Site Surveyor – Full Time

- Instrument man/operated the gun and managed a crew of 3.
- Proficient with Topcon and Leica Equipment; used TDS, SMI and CNG Software to run the equipment.
- Staked-Out roads, commercial buildings, residential properties, parking lots & parking decks.
- Surveyed boundaries for legal disputes, construction, expansions, and remodeling.
- Generated topographic maps of the entire site for existing conditions and improvements.

Favorite Project:

Serenbe Community: A 900 acre, self-sustaining community located in Palmetto, GA in Chattahoochee Hill Country.

– Surveyed and Staked out the entire property, also designed the road and lot layouts.

Other Experience:

Southern Polytechnic State University, Marietta, GA

2008 – 2010

Campus Employment – Auxiliary Operator