

Resume of
Dustin Ross
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EDUCATION

2003-2005 Des Moines Area Community College

Associates in Applied Science (AAS) in Civil Engineering Technology

EMPLOYMENT HISTORY

2017-Present Andersen Engineers Inc., Edgemont, S.D.

Registered LSIT, South Dakota and Vice President.

The types of jobs I have been involved with includes USFS boundary line marking and maintenance, town addition surveys, rural subdivision surveys, PLSS surveys, construction grading surveys, mortgage improvement location surveys, and structure grid staking surveys. My duties include rod man and instrument man for Total Station, GPS and Levels, property corner location and recovery, office and field calculations, computer aided drafting of (Improvement Location Exhibits, Record of Surveys, Plats, Certified Land Corner Records, USFS Corner Cards and Easement Exhibits), Research of (Deeds, Plats, Easements, Certified Land Corner Records, and miscellaneous documents). I serve as crew chief for field crews.

2015-2016 Andersen Engineers Inc., Edgemont, S.D.

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2007-2014 Andersen Engineers Inc., Edgemont, S.D.

Land Survey/Civil Engineering Technician

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2004-2007 Boone County Engineers Office

Land Survey/Civil Engineering Technician

Our office operated as a mini DOT office. We took road and bridge projects from surveying to design to staking to field inspection to creating as-builts. While working there my duties included: rod man and instrument man for GPS, Total Stations, and Levels. If a public land corner was missing the county would reset it. We kept field books with public land corner ties. In the design process I used design standards to design new roadways, overlays, bridges, box culverts and much more. I operated AutoCAD to draft sets of plans. We would do all of the construction staking for said projects. During the building process I would inspect all areas of construction. I was certified to test materials, concrete, and asphalt. I ran a materials test lab for an entire 8 mile overlay project. While at Boone County we surveyed and subdivided 2 different county owned properties. When an application for a driveway off of a county road came in we would go out and do profile and cross sections to determine culvert size and would also perform a sight distance survey.

CERTIFICATIONS

- 2015** Registered LSIT, South Dakota, #S-11819
- 2008** South Dakota Certified Fire Fighter – Wildland I & II
- 2005** Certified Concrete, Asphalt and Aggregate Tester for Iowa DOT

PROFESSIONAL TRAINING

“LSIT course – Intro to Geodetics”, Rod Breitling, LS, SDSPLS, January 12, 2012

“American Railway Engineering & Maintenance Association – Railroad Surveying 101” Charlie Tucker, SDSPLS, January 13, 2012

“Planning and Executing a GPS Survey”, David Zenk, PE & LS, SDSPLS, January 14, 2012

“LSIT course: Research – The Platting Process – Legal Descriptions”, Robert Kummer, LS, Eric Meyer, LS, Bill Phillips, LS, SDSPLS, January 10, 2013

“The Most Meaningful Changes in the 2009 Manual of Surveying Instructions”, Dennis Mouland, LS, SDSPLS, January 11, 2013

“The Multi Generational Workplace”, Becki Lemke, SDSPLS, January 11, 2013

“How Surveys Affect Title Insurance”, Joshua M. Reisetter, SDSPLS, January 11, 2013

“Charm School for Professional Surveyors”, Dennis Mouland, LS, SDSPLS, January 12, 2013

“Interior Board of Land Appeals 180 IBLA 388 Decision Review”, Ron Scherler, LS & CFedS, SDSPLS, January 9 & 10, 2014

“LSIT course - Introduction to ALTA/ACSM Land Title Surveys and Route Surveying Basics”, Mark Lippincot, LS, and Chad Dodds, LS, SDSPLS, January 10, 2014

“LSIT course - Surveying Math”, Mark Lippincot, LS, SDSPLS, January 8, 2015

“Easements and Rights of Way”, Gary Kent, LS, SDSPLS, January 9, 2015

“NGS Updates”, Dave Zenk, PE & LS, SDSPLS, January 10, 2015

“Latest Advancements in GPS/GNSS Technology”, Steve Richter, SDSPLS, January 7, 2016

“Photogrammetry & Imaging Take Center Stage”, Steve Richter, SDSPLS, January 7, 2016

“Terrestrial Laser Scanning – Beyond the Spec Sheet”, Greg Schneider, SDSPLS, January 7, 2016

“LSIT course – Lidar and Photogrammetry Basics”, Rod Breitling, LS, Randy Diebert, LS, Ken Wrede, SDSPLS, January 8, 2016

“Surveying the Legal Landscape – An Update and Review of South Dakota Right of Way Law”, SD Attorney General Marty Jackley, SDSPLS, January 8, 2016

“Scanning the Ross Shaft at the Sanford Lab”, Randy Diebert, LS, Scott Schiele, SDSPLS, January 8, 2016

“Deciphering Grid vs Ground”, Joseph V.R. Paiva, Ph. D., PE & LS, SDSPLS, January 9, 2016