



C L A S E N

professional experience

PROJECT DESIGNER AND I.T. MANAGER

Feb. 2012- Current

Arc Design Resources, Inc. 5291 Zenith Parkway, Loves Park, IL 61111

Managed land development relative to civil engineering consulting, construction management, site layout, surface modeling and presentation. Trained staff and supervised technicians to maintain compliance with corporate standards. Managed network including design, installation and maintenance of WS2003 and SBS2011 hybrid environments with 30 clients, SonicWall and virtual private network (VPN) configuration, enterprise security management, QOS monitoring and disaster plan preparation. Supported all network clients 24/7. Developed www.arcdesign.com including, SEO, analytics and inbound marketing. Generated relational DB reports utilizing VB and SQL. Managed corporate IT assets.

PROJECT MANAGER AND I.T. SPECIALIST

Feb. 2008 - Feb. 2012

Total Plumbing and Heating, Ltd. 7790 Burden Road, Machesney Park, IL 61115

Developed and implemented new marketing strategies. Managed labor relations and supervised union site development crews. Managed Agency, Engineer and Developer coordination. Negotiated contracts and change directives. Reduced accounts receivable. Managed corporate assets. Provided construction layout utilizing GPS technology. Generated surface models for 3D machine control. Managed estimating, purchasing, scheduling, permitting and logistics. Managed WS2003 environment with 10 clients. Developed www.total-excavating.com.

CIVIL ENGINEERING CONSULTANT

Apr. 2002 - Feb. 2008

Arc Design Resources, Inc. 5291 Zenith Parkway, Loves Park, IL 61111

Involved in all development aspects of major commercial. Supervised due diligence. Secured Agency approval and procured permits. Documented construction activities, prepared construction estimates and certified contract compliance. Trained staff and supervised technicians. Developed and disseminated corporate CAD Standards. Managed daily maintenance of corporate server and production hardware. Specialized in surface modeling, geotechnical analysis, SWPPP and NPDES compliance.

CAD/CAM TECHNICIAN

Sep. 2001 - Apr. 2002

Friesen of Iowa 2897 Expansion Blvd, Storm Lake, IA 50588

Supervised production of structural and mechanical components from conception through completion. Fielded design questions from clients and crew. Furnished cut sheets and specifications. Facilitated design integration. Projected and analyzed cost of production. Coordinate logistics relative to shipping and handling.

**professional experience
(continued)**

ENGINEERING TECHNICIAN Dec. 1999 – Sep. 2001

Kuehl and Payer, Ltd. 1725 N. Lake Ave., Storm Lake, IA 50588

Operated in a field to finish environment under the tutelage of professional engineers and licensed land surveyors. First to incorporate GPS surveying with the firm.

formal education

B.S. INFORMATION SCIENCE AND TECHNOLOGY Dec. 2011

University of Wisconsin 2200 E. Kenwood Blvd., Milwaukee, WI 53211
Information Architecture, Human Computer Interaction and Internet Application.

A.A.S. SURVEYING & ENGINEERING TECHNOLOGY Dec. 1999

Southeast Community College 600 State Street, Milford, NE 68405
Internship: The Schemmer Associates, Omaha, NE, 68154

proficiencies

SOFTWARE

Open Site Explorer, Analytics/Webmaster Tools
Microsoft Office Suite 2000 through 2016
Microsoft Windows 95 through 10
Microsoft Server 2003, 2008R2 and SBS 2011
Microsoft Exchange 2010
Microsoft Visual Studio, VBA including SQL
Adobe CS4 through CS6 incl. Photoshop, Flash, Illustrator, Dreamweaver, InDesign and Acrobat
Civil 3D 2006 through 2018
Carlson Civil 2007 through 2016
AutoCAD R14 through Release 2018

CODING

Visual Basic
SQL
MySQL
XHTML
XML
CSS
JavaScript
jQuery
ActionScript
PHP
O.O.P.

INSTRUMENTS

Trimble GCS900
Topcon HiPer Lite - FC100
Trimble SP851/881 - TSC2
Trimble GPS 4800
HP, Kip, and Oce Plotters
Windows Servers and Workstations

SPECIAL TRAINING

Autodesk Civil 3D
Autodesk University 2005
Nebraska Hwy & Bridge planning
Vector graphics
Soil, aggregate, concrete and ground water inspection

references

BEN CHRISTIANSEN

Land Surveyor
R.R.W.R.D.
3501 Kishwaukee St.
Rockford, IL 61109
(815) 387-7400
bchristiansen@rrwwrd.dst.il.us

PAUL JOHNSON

Owner
Total Plumbing & Heating
7790 Burden Road
Machesney Park, IL
61115 (815) 877-1743
joethc@tds.net

RON LARSON

Land Surveyor
Artisan Consulting
2601 Reid Farm Rd.
Rockford, IL 61104
(815) 871-8136
rklarson2@gmail.com