

# DAN CHRISTENSEN

## ENGINEER

605-890-0628  
dan.christensen.design@gmail.com  
Candler, NC 28715

### WHY HIRE ME?

I'm a skilled problem solver with a natural focus on efficiency.

### EXPERIENCE

#### FREELANCE ENGINEER

May 2009 - Present

#### SELF-EMPLOYED (CO, NC)

Typically involves automating and streamlining common tasks for clients (including data entry, reporting, and data analysis), often through writing code in Excel. Some projects include: a multi-faceted workbook for New Belgium Brewery, saving my clients an estimated 360 hours of overtime each year, and an automated invoice program for Mark Simons' law firm, eliminating 10 hours of excess invoice processing each month.

#### DESIGN ENGINEER

Sept 2007- May 2009

#### NEXEN GROUP, INC (MN)

Designed clutches and brakes for industrial equipment-- created/modified CAD models and drawings for new products as well as customized versions of existing products, performed FEA analysis, built and tested new product prototypes, created supporting documentation for sales staff, analyzed product failures, and developed procedures to fine tune performance of specific products.

### EDUCATION

#### MECHANICAL ENGINEERING

Graduated May 2007

#### SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY

Rapid City, SD. GPA: 3.98

### SKILLS

#### PROGRAMMING

**VBA:** Writing macros and creating forms to solve problems and save money.

**JavaScript:** Creating custom programs to easily run in a web browser.

**C:** Working with microcontrollers (ARM/arduino) to make specialized devices.

#### SOFTWARE

#### HANDS-ON WORK

**SolidWorks, MS Office, MathCad, PhotoShop.**

I also specialize in designing and building custom pieces. This involves working safely with power tools, understanding workflow, and maintaining an organized and efficient workshop. My most recent project is a large, featured rotating sign seen on the New Belgium Brewery tour.

### REFERENCES

LINDSAY BARR

Sensory Manager, New Belgium Brewery..... 530-902-4704

ALI SCHULTZ

Sensory Analyst, New Belgium Brewery..... 651-308-8105

MARK SIMONS

Attorney, private practice..... 319-231-5617