

# Taylor Watts

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## Skills

- Engineering: PLC Programming, HMI Design, Autocad, Control System Schematics. Systems I have used: RSLogix500, RSLogix5000, WonderWare, RSView, Panelbuilder32, IFix, Fix32 and WinCC; development of databases using SQL and ACCESS. Calibration and testing of electrical equipment

Retail/Real Estate: Managed, started and sold multiple businesses - all aspects from employee management, contractor management, systems setup, real estate development and thousands of in person customer interactions.

Computer/Web: Google Workspace, Microsoft Office (Excel, Word, Google Sheets, Google Docs), computer repair, computer systems maintenance/installation, networking, and web design (PHP, SQL and HTML).

Artificial Intelligence: Recently completed Coursera courses issued by Google (AI Essentials and Generative AI Leader). Experience with Chatgpt, Perplexity, Gemini, Dall-E, Google AI Studio, Base44, Lovable, Firebase, and NotebookLM. Familiar with running local LLMs using LM Studio.

## Experience

**Electrical Test & Measurement Company, Grand Prairie** - Electrical Engineer, Marketing, Office Management, Warehouse Management, Lab Management, Inventory Management, Product Listing  
JUNE 2023 - APRIL 2025

Electrical Engineering:

Responsible for testing and calibration of electrical test & measurement equipment, lab management, maintenance and documentation. Calibrated/Tested calibrators, multimeters, megohmmeters, digital low resistance ohmmeters, power quality analyzers, oscilloscopes and process calibrators.

Office/Warehouse Management:

Started and maintained office which included contractor management, handling utilities, shipping/receiving and inventory management.

**TFG Charitable Supply, Hurst** - Executive Director/ Board Member  
2019 - APRIL 2023

Oversee charity responsible for donating unsold merchandise from Thrift for Good thrift store by giving to other charities and therefore reducing waste; organizing the donation of over \$350,000 to 30 different charities over three years.

**Thrift for Good Ltd, Hurst - Owner**

SEPTEMBER 2019-October 2022

Developed thrift store concept; involved with real estate development, negotiated with, hired and managed contractors; developed custom POS and inventory system using open source software; handled minor maintenance and repairs; priced merchandise and cashiered when necessary. Now locations in Hurst and Denton. Stepped down from day to day operations to pursue other opportunities; still a minority owner.

**Retro Plaza, Bedford - Owner, Developer**

OCTOBER 2015 - JULY 2022

Purchased, re-zoned, renovated and maintained property at 1424 Brown Trail in Bedford, Texas; brought in 5 different companies, charged rent, managed property; sold property in July for a profit

**Retro Madness, Bedford - Owner**

OCTOBER 2015 - JULY 2022

Purchased half of video game/toy company from partners to save from having to close; rebuilt company and was able to buy two more (Tech Factory and Pro Console Repair); programmed custom customer invoicing system for repair side of business from scratch using PHP and SQL; made business profitable and sold my half for a profit; company now has 3 stores in the DFW area.

**Horror Freak, Bedford - Owner**

2017-2018

Developed concept store with 2 business partners that specializes in horror related items; sold portion to current owner once established; business is still successful.

**Vintage Freak, LLC, Bedford - Owner**

JUNE 2014 - DECEMBER 2018

Purchased a small store that buys, sells, and trades vintage records and mid-century modern furniture; gained experience in thousands of one-on-one retail sales and purchases; operated lean with one or two employees ; marketed business through social media and grew following on Facebook from 5,000 to over 20,000; sold company.

**Independent Contractor - Web Design/Marketing and Computer Repair/Systems Maintenance**

JANUARY 2011 - MAY 2014

Computer - Worked for small businesses and individuals maintaining servers, computer repair and systems installation, networking and maintenance.

Marketing - Designed websites and did marketing tasks such as SEO, Google Ads and Social Media Marketing.

**Engineering Controls Consulting Company, Irving**— Controls Engineer  
DECEMBER 2008 - NOVEMBER 2011

Controls Engineer:

Used Siemens WinCC HMI software to develop control screens for feed making process; programmed Allen Bradley Controllogix PLCs (or PACs) for feed making processes for clients including Land o' Lakes Feed.

Web Marketing:

Served on marketing committee of MESA International; increased web marketing and social media coordination, updated and maintained the company's customer facing website; developed custom web visitor reports using Google Analytics that catered to the company's customer base; performed and ran SEO; ran targeted Google Ads that generated leads for ranging from \$50K to \$1.5m; assisted and attended sales calls to large clients with >\$1B Market Cap.

**Engineering Controls Consulting Company, Hurst** - Controls Engineer  
MAY 2007 - NOVEMBER 2008

Development of PLC code using RSLogix500 and RSLogix5000; development of HMI using WonderWare, RSView, Panelbuilder32, IFix, Fix32; development of databases using SQL and ACCESS; used PID loops to control processes based on pressure, temperature and level, developed automatic batching systems for beverage manufacturers. Companies I have worked for include Dr. Pepper/Snapple, Vandervoorts Dairy, Morningstar Foods, Velda Farms, SigmaAlimentos, NCH Mohawk.

**Shah Smith and Associates, Houston** - Electrical Engineer  
JANUARY 2004 - MAY 2007

I was involved with the design of medium and low voltage distribution systems, emergency back-up systems, lighting, fire alarm systems and lightning protection. Clients include institutions such as Texas A&M, M.D. Anderson, Houston Community College, Bush Intercontinental Airport, University of Texas, and Exxon.

**Lone Star Steel (now US Steel), Lone Star**— Internship  
MAY 2002 - JANUARY 2003

I maintained and organized the drawing database, and assisted electrical engineers with projects. I worked with PLC's using MODICON, and researched and helped to design an original piece of equipment now in use in the pipe mill. I contributed to a project intended to monitor BTU value of natural gas, as well as develop code for remote monitoring of power consumption in a certain area of the plant.

## Education

August 1998 - December 2003

**Texas A&M, College Station** - Electrical Engineering

## Certifications

Technical Support Fundamentals

Issuer: Google

Foundations: Data, Data, Everywhere

Issuer: Google

Google AI Essentials

Issuer: Google

Generative AI Leader

Issuer: Google