

# Colin K. McGinn

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Frankly, exceptionally useful and improvement focused.

Demonstrated record of success in building successful teams, managing profitable operations, and improving efficiency. Seeking a position that offers challenges utilizing interpersonal skills, process improvement and problem-solving skills.

## Work Experience

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### **Inventor**

Self Employed - Dallas, TX  
April 2011 to Present

- 3D modeling in Blender and 3ds Max.
  - 3D printing FDM and SLA, plastic & resin.
  - Outsourced SLS printing, metal and nylon.
  - Soldering and simple PCBs
  - Prototyping - Mechanical engineering
  - Arduino - Laser cutting - Molds - Finish Work
- ::Inventions::
- Patent on volumetric film display system. (Mechanical 3D video)
  - Provisional patent on digital steel targets (shooting sports)
  - Semi automatic wireless taser system (as seen on History Channels InventionUSA)
  - More not public yet.

### **3D Printing Technician & QC Analysis**

Reset Technology Corporation  
March 2024 to Present

- Print partial denture devices
- Maintain 46 FDM Printers
- Developed manufacturing tracking app to streamline production and track errors
- Developed 3D plugin to automate printing preparation, 15 minutes to 1 minute
- Improved QC Analysis software, decreasing process from 10 minutes to 2 minutes per
- Ran analysis and re-organized printer distribution, massively improving efficiency

### **Political Canvasser**

Dial Petition and Canvassing LLC - Dallas, TX  
February 2024 to March 2024

Door-to-door canvassing and polling for State Representative  
Contract ended

### **Assembler**

M&C Assemblies Inc - Dallas, TX  
December 2023 to February 2024

Build and assembler products for store displays and customers

### **Small Business Co-Owner**

Select Service Catering LLC - Dallas, TX  
October 2022 to September 2023

Backend business management, accounting, taxes, billing, IT, web design.

### **Investor**

Self-Employeed

August 2020 to October 2022

Predicted Musk would buy Twitter and for how much a year before he announced his plans.

Developed an economic model based on business fundamentals and mass psychology.

~125% returns in 2020

~80% returns in 2021

Sold most investments Q3 2022 to avoid the bear market.

### **Workday Analyst**

US Anesthesia Partners - Dallas, TX

October 2019 to July 2020

- Performed system analysis, documentation, testing, implementation, and user support for platform transitions.
- Mass data integration and processes of 1000s of records.
- Managed implementation of Performance Review process.
- Developed and implemented restructuring of corporate management hierarchy.
- Identified and resolved problems through root cause analysis and research.

### **Owner - Vending Route**

NowYou - Dallas, TX

February 2018 to May 2020

Candy vending route to raise money for cancer research.

B2B sales, route efficiency mapping, predictive data analysis, inventory management.

### **HRIS Sr Specialist**

Santander Consumer USA - CSR/Auto Financing/Titles/Insurance - Dallas, TX

May 2015 to April 2019

- Wrote and manage advanced reporting.
- Configured Time & Attendance with specific focus on time off and accrual plans.
- Maintain 100+ integrations.
- Formulate calculations used in validations, reporting, business processes, and integrations.
- Designed adaptive Workday configuration that withstood various management, executive, and company changes
- Identified and resolved significant calculation error in Workday that affected quarter of associates.
- Avoided \$4.5 million impact.
- Reproduced Kronos system in Excel to recalculate and correct load issue

### **Guest Services Manager**

Perot Museum of Nature and Science - Dallas, TX

November 2012 to April 2015

- Oversaw operations of digital 4K 3D theater and systems.
- Directly managed team of 2 supervisors and 10 associates. Shared a staff of 80.
- Wrote spreadsheets and macros to improve workflow that saved thousands of hours each year:
- Payment discrepancy identifiers, Scheduling tools.

- Tracked and developed sales performance system.
- Took theater from -50% loss to +50% gain through sales competitions and marketing initiatives.
- Restructured guest services operations to reduce turnover. Over 2 years, had 5% turn over rate, compared to 50% standard.
- Was selected for Culture Team and lead multiple company wide projects to improve atmosphere, many of which are still in practice.
- Attendance notification system, Statistical sales analysis

### **Bike Builder**

Sun & Ski Sports - Dallas, TX  
March 2012 to October 2012

Built bicycles, bike maintenance and repair, sales.

### **Door to Door Sales**

Various Contract Positions - Dallas, TX  
September 2010 to February 2012

Sold Electricity, Cable, and Alarm Systems mostly.

### **Crew Leader/Enumerator**

U.S. Census Bureau - Dallas, TX  
April 2010 to August 2010

Assistant Crew Leader and Enumerator.  
Top performing crew in 4 states  
Continued employment through good performance recognition.

### **Magician**

Self-Employed - Dallas, TX  
April 2009 to April 2010

Performed at various venues and clubs.  
Private and corporate gigs.

### **Locksmith**

Reds Safe and Lock  
June 2008 to February 2009

Full service locksmith.  
Re-keying, installation, unlocks, lock repair, key copying. Commercial and residential.

## Education

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### **Some College**

Richland College - Dallas, TX August  
2009 to December 2009

**Thousands of Books**

**Thousands of Scientific Papers**

## Patents

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### **Volumetric film display systems (#US9223143B1)**

<https://patents.google.com/patent/US9223143B1/en>

December 2015

An apparatus for watching movies in 3D having a belt feeding 3D volumetric objects comprising singular sequences for viewing a movie strip in 3D and thus eliminating the need for wearing 3D glasses to enjoy a movie in three dimensions...

## Skills

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- Blender
  - Adobe Illustrator
  - VBA
  - Computer skills
  - Big data
  - Report writing
  - Workday
  - 3D animation
  - Python
  - Arduino
  - Rapid prototyping
  - Mechanical knowledge
  - Locksmithing
  - Applied behavior analysis
  - Management
  - Problem solving
  - Data science
  - Research
  - Hand tools
  - Power tools
  - Pivot tables
  - Macros
  - Computer hardware
  - Sales
  - Conflict management
  - Cybersecurity
  - Woodworking
  - Construction
  - Web design
  - Process mapping
  - Process improvement
  - Efficiency
  - Business management
  - Tax experience
  - Layout design
  - Project implementation
  - Root cause analysis
  - Analytics
  - Data analytics
  - ChatGPT
  - Digital art
  - Assembly
  - CNC laser cutting
  - Soldering
  - Fabrication
  - Team management
  - Leadership
  - Heavy lifting
  - Debugging
  - Process engineering
  - Customer service
  - SQL
  - JavaScript
  - Microsoft Office
  - Manufacturing
  - Research & Development
  - Windows
  - Product development
  - Software troubleshooting
  - Scripting
  - Help desk
  - Business analysis
  - IT
  - Active Directory
  - HTML5
  - Database management
  - Databases
  - Communication skills
  - Cash handling
  - Door-to-door
  - Technical support
  - English
  - Math
  - Basic math
  - Schematics
  - Typing
  - Cash register
  - Information management
  - Programmable logic controllers
  - Microsoft Outlook
  - Cashiering
  - Microsoft Word
  - Time Management
  - Microsoft Excel
  - 3D Printing
  - 3ds Max
  - Laboratory experience
  - CAD
  - Organizational skills
  - Management (5 years)
  - Electrical experience
  - Visio
  - 2D animation
- Volunteer Work
- Perot Museum - Paleontology Lab  
Got to dig out dinosaurs.
  - Dallas Elf Society  
Feeding homeless over the holidays.
  - Atlanta History Museum  
Demonstrated 1800s farm life. Sewing, blacksmithing, woodworking.
  - U.S. Constitution  
I pass out pocket Constitutions on the 4th of July and to local businesses

### **Mechanical knowledge — Proficient**

February 2024

Understanding and applying mechanical concepts and processes

Full results: [Proficient](#)

### **Verbal communication — Proficient**

February 2024

Speaking clearly, correctly, and concisely

Full results: [Proficient](#)

### **Work style: Reliability — Proficient**

March 2024

Tendency to be reliable, dependable, and accountable at work

Full results: [Proficient](#)

### **Food service: Customer situations — Proficient**

March 2024

Identifying and addressing customer needs in a food service setting

Full results: [Proficient](#)

### **Customer service — Proficient**

February 2024

Identifying and resolving common customer issues

Full results: [Proficient](#)

### **Customer focus & orientation — Proficient**

February 2024

Responding to customer situations with sensitivity

Full results: [Proficient](#)

### **Work style: Reliability — Proficient**

January 2024

Tendency to be reliable, dependable, and act with integrity at work

Full results: [Proficient](#)

### **Attention to detail — Proficient**

February 2024

Identifying differences in materials, following instructions, and detecting details among distracting information

Full results: [Proficient](#)

### **Manufacturing fit — Proficient**

January 2024

Measures the traits that are important for success in manufacturing roles

Full results: [Proficient](#)

### **Typing — Proficient**

March 2024

Transcribing text

Full results: [Proficient](#)

### **Data entry: Attention to detail — Proficient**

March 2024

Maintaining data integrity by detecting errors

Full results: [Proficient](#)