

# Erin Howland

Transparency | Analysis | Insight

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## PROFESSIONAL SUMMARY

Detail-oriented individual, uniquely educated and experienced in business at the nexus of finance, accounting, and data science/analytics.

Exceptionally fast learner, adaptable, and decisive. Straightforward, honest, and articulate communicator. Passionate about scalable, modular, data-driven systems and processes that move the business forward.

## RELEVANT EXPERIENCE - Full history available upon request

### EJ Enterprises LLC, Remote – *Consultant*

NOVEMBER 2020 – PRESENT

- General technical consultant and educator: Analyze and enhance processes surrounding data practices, financial analysis, and accounting procedures, and create documentation regarding enhancements; teach Excel, Power Automate, Python, Power BI, Tableau, and other tools
- Full-stack data consultant: Python/PySpark, R, SQL, Power BI, Tableau
- Other: Software testing

### Strategic America, West Des Moines IA – *Data Analyst*

JUNE 2023 – APRIL 2024

- Utilize Tableau to design dashboards (reports) for a variety of clients
- Create and document process improvements for the Data Team, including using Python, PowerShell, and Power Query to help automate tasks
- Recommend tools to help improve our work and/or to decrease cost

### Casey's, Ankeny IA – *Sr. IT Analyst*

OCTOBER 2021 – MARCH 2023

- Analyze IT procurement policies and procedures
- Develop templates and strategies to improve effectiveness of financial reporting of the IT department
- Partner with procurement, accounting, and finance departments to develop better interdepartmental understanding of the relationship between procurement processes using Coupa, IT needs and experiences, and the financial reporting outcomes
- Utilize interdepartmental partnerships to fine tune processes, policies, and procedures and to coordinate in-house learning

## SKILLS

Python

R

SQL

Power BI

Tableau

Microstrategy

ProSystems Engagement

CCH Axcess / ProSystems fx  
Tax

Asset Keeper

QuickBooks

Coupa

sessions

- Create datasets and reporting to measure progress and effectiveness of strategies
- Utilize Microstrategy and Power BI for data analysis and visualization

### **Iowa Farm Bureau, West Des Moines IA – *Staff Accountant***

APRIL 2020 - OCTOBER 2021

- In charge of all aspects of accounting for nine companies within the Farm Bureau umbrella, including AP, AR, financial reporting, and payroll
- State and Federal PAC reporting
- Fleet tracking
- Account analysis

### **Bergan KDV, Des Moines IA — *Staff Accountant***

NOVEMBER 2018 - APRIL 2020

- Assist in-charge in various assurance services
- Write reports for services and create financial statements for clients using Asset Keeper and ProSystems Engagement
- Tax return preparation for individuals, businesses; informational returns using CCH Axcess/ProSystems fx Tax
- Assist with other projects as needed, including preparation for litigation support and business valuations

### **Auditor of State of Iowa, Des Moines IA — *Staff Auditor***

JUNE 2017 - NOVEMBER 2018

- Assist in-charge in financial and single audits for state and local governments and governmental agencies
- Work within budgets to accomplish the requirements of the audit program
- Document and evaluate evidence of audit objectives
- Examine financial system and procedures to determine the effectiveness of internal controls

### **Wells Fargo Bank, Littleton CO — *Personal Banker and Business Advocate***

JULY 2015 - APRIL 2017

- Assist individuals and business owners with bank reconciliations and budgeting
- Foster positive customer relations by effective communication
- Maintain high ethical standards while matching customer needs products
- Educate customers on matters of finance to best help them achieve their financial goals

## **Madison Tanning Company, Madison WI — *Business Ops Specialist***

FEBRUARY 2010 - MAY 2012

- Analyze QuickBooks reports to determine how to increase fiscal efficiency
- Investigate cost-savings methods, technologies, etc.

## **RELEVANT DEGREES - Full history available upon request**

### **Bellevue University, Bellevue NE – *MS Data Science***

- Online Data Science Master's Degree
  - Big Data
  - Predictive Analysis
  - Data Mining
  - Data Preparation
  - Data Exploration and Analysis
  - Statistics for Data Science
- Python, R, SQL, Power BI, and Tableau utilized throughout
- Specialized libraries and environments used: tidyverse, Shiny, Knitr, BeautifulSoup, Pandas, PySpark, PyTorch, TensorFlow, Seaborn, Plotly, SciPy, NumPy, Matplotlib, scikit-learn, Requests, markdown, Jupyter, VSCode, PyCharm, Google Colab, Rstudio

### **Colorado State University - Global, Global Campus — *BS Accounting***

### **Linkopings Universitet, Linkoping, Sweden — *MA History - Nordic Studies***

### **University of Iowa, Iowa City IA — *BA History***