

## Summary

**A data enthusiast with 7 years delivering positive ROI at a Fortune 100 company for million-dollar initiatives.** Experienced in business insights, process optimization, and reporting solutions. Eager to resume my professional career with hands on technical work in the data science industry, creating innovative tools that help people.

## Skills

- **Data Management:** **SQL, MySQL, Advanced Excel:** VBA, formulas, macros
- **Data Visualization:** **Tableau,** Plotly, Cognos, Dundas, Excel pivot tables
- **Programming:** **Python:** numPy, pandas, matplotlib, seaborn, scikit-learn, **R:** ggplot, dplyr
- **Machine Learning: Regressions:** linear & logistic, ANOVAs, KNN, sklearn
- **The Basics:** Outlook, Word, PowerPoint, SharePoint, GitHub, statistics, calculus

## Experience

### UDEMY Data Analyst Bootcamp Jan 2022 – Aug 2022

- Cleaned data on COVID-19 dataset using SQL and pandas, performing data type standardization, duplicate removal, null dropping, null imputation, and succinct feature selection.
- Devised COVID-19 dashboard on Tableau, visualizing and predicting geographic infection rates.
- Conducted data exploration on 1980s movie dataset via heatmaps and pairplot to find correlations.
- Developed machine learning predictions for website subscriber yearly spend, doing train test splits and linear regressions to evaluate whether time on app vs. time on website garnered more profit.

### verizon ✓ **Sr. Business Analyst** – Verizon Global Risk Compliance Team Jan 2016 – Mar 2019

- Designed CIO Dashboard that pioneered enterprise-level project visibility, reducing 20,000 hours of yearly manual reporting by centralizing disjointed data and using Tableau for aggregated KPIs.
- Produced \$3.3M YOY cost-savings, managing 52 offshoring efforts to 100% compliance approval.

### **Business Analyst** – Verizon Vendor Management Team Aug 2014 – Jan 2016

- Enhanced project milestone forecasting by 33% through development of a web app: Project Estimation Tool (PET). PET made timing predictions based on historical project data features.
- Earned Six-Sigma award for standardizing cross-functional processes across 20+ VISIO workflows.

### **Project Manager** – Verizon IT Finance PMO Mar 2012 – Aug 2014

- Boosted ad-hoc report generation by 400% using repeatable Excel array formulas and VLOOKUPS.
- Managed AGILE projects for 20+ rural area mergers, increasing customer base by 2.6 million.

### J.P.Morgan **Project Manager Intern** – J.P. Morgan Fraud Analytics PMO Jun 2011 – Aug 2011

- Built custom UI, eliminating 2-week vendor development cycle by integrating my JavaScript forms.

### Knight **Project Manager Intern** – Knight Capital Group Trade Platform PMO Jun 2009 – Oct 2009

- Optimized 4 Bloomberg reports by creating Python scripts, alleviating 8 hr/week of data entry.

## Education



**Stevens Institute of Technology**  
Bachelor of Computer Science

2012 Graduate