

Drew Coughlin

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Summary

Versatile information technology professional helping people and organizations create value with data

Experience

Data Analyst Consultant

Paramount Global

Aug 2012 – Present

- Designed and developed reporting solutions that enabled consolidated data searches from a variety of systems including Active Directory, Google Workspace, the internal corporate directory and Okta Identity Management
 - Technologies: R scripts, RStudio Shiny web app framework, Okta REST API, PostgreSQL DB, Google Workspace Calendar Python API
- Designed and developed automated reports and dashboards that improved client's ability to manage SaaS spend and charge-back processes
 - Technologies: R scripts, Google Sheets, RStudio Shiny web framework, PostgreSQL DB, Okta REST API
- Designed and developed ETL pipelines and automated processes that enabled email domain rebranding and unique email address validation
 - Technologies: R scripts, Google Workspace administration CLI scripts, PowerShell scripts
- Designed and developed a BI solution for the Sales and Marketing team that eliminated a third-party analytics service and improved report accuracy
 - Technologies: Golang application, Google Sheets and a Google Analytics dashboard
- Developed a REST API service that enabled client's HRIS development team to maintain accurate employee record data
 - Technologies: Microsoft SQL DB, R language scripts
- Designed and developed parameterized SQL reports and web apps that enabled self-serve corporate directory hierarchy list creation for client activities including email list generation and product license assignments
 - R scripts, SQL, RStudio Shiny web framework

Risk Manager

Independent Futures Options Trader

Feb 2010 – Aug 2012

- Designed, developed and operated risk management and trading strategies based on statistical analysis of S&P 500 futures market data
 - Technologies: SQL, R scripts, RStudio Shiny web app framework
- Managed a leveraged trading fund that outperformed the underlying benchmark S&P 500 Index for two years
- Presented market data studies and performance analysis on futures options trading strategies and results

Manager

Bank of America

Nov 2003 – Feb 2010

- Managed small team of analysts and developers that created and maintained tools and processes enforcing SEC and FINRA books and records requirements
- Developed business and technology requirements in consultation with legal, compliance and technology executives that governed electronic communications archival and surveillance
- Created electronic communication policies and guidelines governing multiple enterprise platforms serving over 100,000 workers
- Coordinated and developed executive level presentations on electronic communications regulatory controls and costs

Sales Engineer

Commerce One

Feb 2000 – Oct 2003

- Responsible for initial customer delivery acceptance of Commerce One marketplace applications during multi-million dollar licensing negotiations
- Designed and deployed software solutions using Commerce One marketplace applications to support sales, education and professional services teams
- Introduced virtual machine based application deployments that substantially reduced costs and expanded sales opportunities
- Produced webcasts for consultants and customers highlighting new application features
- Developed and delivered training and deployment programs for integration partners and customers

Education

Pennsylvania State University

Bachelor of Science - Management Information Systems

Minor in Speech Communications