

SCARLETT WINTERS



EDUCATION

Nov. 2019
|
Nov. 2017

M.S. in Information Systems Management (GPA: 3.7/4.0)

Chicago, IL

📍 Loyola Quinlan School of Business

- Focus on the intersection of business and data: database modeling, mining, and visualization using SQL, Python, R and Tableau
- Study predictive modeling, data cleansing, and data presentation

May.
2017
|
Sept. 2013

B.A. in Political Science (GPA 3.6/4.0)

Chicago, IL

📍 Loyola University Chicago

- Pi Sigma Alpha Political Science Honor Society member



PROJECTS

May.
2017
|
Sept. 2015

Author of "Effect of Voter Identification Laws on Voter Turnout and Democratic Party Victories"

Chicago, IL

📍 Loyola University Chicago

- Conducted multivariate linear regression analysis on 14 years of social survey and legislative data in STATA; visualized chronological and geographic data in Tableau
- Presented at three national conferences in 2016 and 2017

Jul. 2019
|
Mar. 2019

Project IBIS: Puerto Rico Emergency Response Data Collection

Chicago, IL

📍 Loyola Quinlan School of Business

- Consulted non-profits and FEMA representatives in Puerto Rico on data collection methods
- Led a team to conduct requirements analysis for an ArcGIS-powered application to locate and disperse emergency resources ahead of a natural disaster in Puerto Rico



POSITIONS

Present
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July.
2019

Board Member

Chicago, IL

📍 R-Ladies Chicago

- Co-organizer for R-Ladies Chicago: A global network dedicated to promoting gender diversity in the R programming and data science communities
- Organized 200+ person SatRdays conference in April 2019 at Roosevelt University in Chicago

Present
|
May.
2018

Data Integration Analyst

Chicago, IL

📍 Strata Decision Technology

- Explore and cleanse data, troubleshoot anomalies and answer business questions through ETL methodologies and SQL querying on large datasets (40 million rows)
- Empower clients to tackle data maintenance tasks with confidence by leading data usage trainings tailored to clients' business needs
- Serve on 7-person team to reduce data validation timeline from 11 days to less than 5 days using SQL and Python automation

Apr. 2018
|
May.
2017

Technical Support Specialist

Chicago, IL

📍 U.S. District Court - Northern District of Illinois

- Translated industry-specific technical language into digestible and actionable information for end-users
- Led employee onboarding trainings on IT security best practices

CONTACT

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SKILLS

SQL

Python

Tableau

R

ETL

Presentations

Data visualization

Requirements analysis

Consulting

Code review

Predictive analytics

Git

ANALYTICAL PURSUITS

A "Digital Me" analysis of my Google Location data

Predictive analysis surrounding Chicago crime data

Study on global coastal waste

#TidyTuesday challenges

Made w/ [pandoc](https://pandoc.org/).

Source code:

github.com/nstrayer/cv

Last updated on 2019-10-20.