

# 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  
|  
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

Feb. 2017  
|  
Nov. 2016

### Data Analysis and Report Writing Intern

Chicago, IL

📍 First Stop Health

- Enhanced organization-wide analytics capacity through advising COO on how to translate Excel reports to Tableau dashboards
- Built quarterly and annual client-specific utilization reports using Excel analysis and visualization tools

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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📞 (312) 805-9540

## 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/hstrayer/cv](https://github.com/hstrayer/cv)

Last updated on 2019-10-24.