

## Summary

A well-rounded individual with a strong background in Natural Language Processing as well as in Computer Information Systems and Data Analytics. Professional experience in consulting and knowledge transfer, Data and Text Mining, data visualization and report writing, database design and implementation, Arabic translation and social media research. Interested in continuing to pursue knowledge and expertise in language and Data Science topics, with an especial focus on geospatial language modeling.

## Experience

### Data Scientist, 2016-Present

*IST Research*

Performed quantitative and qualitative analysis on large amounts of Social Media and other found data. Collaborated in survey design and deployment. Performed statistical analysis of survey data. Authored research reports and created data visualizations. Developed Natural Language Processing methods and implemented predictive and descriptive machine learning models to understand data.

### Language Engineer, 2015-2016

*Oracle*

Provided knowledge transfer and consulting to major customers for Oracle Knowledge Management software. Developed Java applications to facilitate data cleaning and customize enterprise search engine. Designed and implemented ontology and taxonomy rules. Authored internal and external documentation.

### Data Science for Social Good Fellow, Summer 2016

*University of Washington*

Collaborated on project to develop machine learning model to predict food recalls based on Amazon review text data. Experimented with topic modeling and text classification models. Designed and implemented PostGres database to store data and performed extensive data cleaning to facilitate future research.

### Freelance R Programmer, 2014-Present

*Self*

Wrote programs primarily in R for statistical analysis, data visualization, and regression and classification models. Included work with found data from web and social media sources as well as survey data.

## Education

### Boston University, 2015 - 2017

MS in Computer Information Systems  
*Concentration in Data Analytics*

### Emory University, 2009 - 2013

BA magna cum laude in Middle Eastern Studies  
*Concentration in Arabic Language*

## Skills

●	●	●	●	●	●	●	●	●	●	Research & Writing
●	●	●	●	●	●	●	●	●	●	Text Mining & NLP
●	●	●	●	●	●	●	●	●	●	Data Visualization
●	●	●	●	●	●	●	●	●	●	Machine Learning
●	●	●	●	●	●	●	●	●	●	Statistical Analysis
●	●	●	●	●	●	●	●	●	●	Web Mining
●	●	●	●	●	●	●	●	●	●	Database Design

## Technical Proficiencies

●	●	●	●	●	●	●	●	●	●	Python
●	●	●	●	●	●	●	●	●	●	R
●	●	●	●	●	●	●	●	●	●	Oracle SQL
●	●	●	●	●	●	●	●	●	●	Plotly
●	●	●	●	●	●	●	●	●	●	HTML/Markdown
●	●	●	●	●	●	●	●	●	●	Java
●	●	●	●	●	●	●	●	●	●	Git

## Languages

●	●	●	●	●	●	●	●	●	●	English
●	●	●	●	●	●	●	●	●	●	Spanish
●	●	●	●	●	●	●	●	●	●	Arabic (MSA)

## Links

Github

<https://github.com/cvint13>

Data Science for Social Good Project Website

<https://uwescience.github.io/DSSG2016-UnsafeFoods>

LinkedIn

<https://www.linkedin.com/in/cynthia-vint-968a1a63>