Cedric Lary

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Languages: Proficient: R, HTML5, CSS3 | Familiar: Python, SQL, JavaScript (D3.js)
Technical Tools: Microsoft Office (Word, PowerPoint, Excel), Tableau
Statistical and Technical Skills: Regression (Linear, Multiple-Linear, Logistic), ANOVA, PCA, Sentiment Analysis, Topic Modeling, Data Cleaning & Interpretation, Data Visualization

PROJECTS

DreamWorks, Disney, or Pixar | *Data Visualization Web Page*
- A responsive web page that compares different animation studio movie KPIs and characteristics using interactive data visualizations.
- Applied Python for web-scraping, R for data manipulation, and HTML, CSS, and D3.js for data visualizations.

Pathway to Prodigy | *Shiny Dashboard*
- A dashboard that allows users to compare chess prodigy ratings by age ranges.
- Used Beautiful Soup, Scrapy, and Googlesearch Python libraries for web-scaping.
- Built in R using Shiny and Highcharter packages.

Features of One Gender Schools | *Exploratory Analysis*
- An exploratory analysis of the key differences between single-sex colleges and co-ed colleges.
- Implemented various R packages to process, analyze, and visualize college data.

EDUCATION

Swarthmore College   Sept 2017-May 2019 | Swarthmore, PA
Bachelor of Arts in Biology and Education, Overall GPA: 3.33
Honors: Sigma Xi Honors Research Society

WORK EXPERIENCE

Story Planet   Nov 2021-Present | Toronto, ON
Group Facilitator
- Provide creative writing support to students during school and community workshops aimed at improving student storytelling skills.

Freelance Tutoring   Jun 2019-Jan 2021 | Ewing, NJ
Private Tutor
- Developed and taught personalized math and literacy curriculum for secondary school admission tests and provided application support to students during application cycles.

Mountain Lake Biological Station   June-Aug 2018 | Pembroke, VA
Research Assistant
- Collaborated with a team of researchers to survey forked fungus beetles in the field and update beetle database entries in the laboratory.
- Independently investigated how movement affected forked fungus beetle centrality using a general linear model in R and communicated findings during Sigma Xi poster session.

The Watershed Institute   June-Aug 2017 | Pennington, NJ
Delaware River Watershed Fellow
- Utilized Excel to monitor and manage water quality data for Jacob's Creek to assess the impact of weather and changing land use.
- Presented Jacob's Creek findings and insights to science faculty, students, and general public on multiple occasions.