

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

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 showcases differences between animation studio movies using interactive data visualizations.
- Applied Python for web-scraping, R for data manipulation, and HTML, CSS, and D3.js for visualizations.

Pathway to Prodigy | *Shiny App*

- A web application that allows users to compare chess prodigy ratings by age ranges.
- Used Beautiful Soup, Scrapy, and Googlesearch Python libraries for web-scraping.
- Built in R using Shiny and Highcharter packages.

Grandmaster B-days and B-places | *Web-Scraping Project*

- Used a combination of R packages and Python libraries to extract and format chess player birthday and birthplace data from Wikipedia.

Features of One Gender Schools | *Exploratory Analysis*

- An exploratory analysis of the 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

Mercer County Community College

Sept 2015-May 2017 | West Windsor, NJ

Associate of Science in Biology and Chemistry, Overall GPA: 3.67

Honors: Phi Theta Kappa Honor Society, American Honors

RELEVANT EXPERIENCE

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.
- Presented poster titled "Movement Among Mating Arenas Predicts Individuals' Centrality In Some Social Networks" during Sigma Xi poster session.

The Watershed Institute

June-Aug 2017 | Pennington, NJ

Delaware River Watershed Fellow

- Gathered, managed, and monitored water quality data for Jacob's Creek to assess the impact of weather and changing land use.
- Presented Jacob's Creek findings to science faculty and students during honors research presentations at Mercer County Community College.