

# Cedric Lary

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**Languages and Libraries:** R (R Studio), Python, SQL, HTML5, CSS3/SCSS, 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

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### **DreamWorks, Disney, or Pixar** | *Data Visualization Webpage*

- A responsive webpage 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 BeautifulSoup, 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

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### **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

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### **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.